

# Bird Notes

1931 - 1935

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1931.

Berkeley.

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Jan. 11.

A beautiful clear day. James and I took our lunch and drove to Dillon's beach to see the Black Sea Brants, leaving Berkeley about 11 a.m. We reached Tomales Bay about 1 p.m. and ate on the shore opposite Inverness. The water was without a ripple except where disturbed by a bird <sup>or birds</sup> and the view across to the wooded range to the west was marvelous. James could hear a low roaring sound which he said sounded like a distant freight train or the breakers on the beach. I could not hear the sound but after reading about the Sea Brant decided it was the noise made by the thousands of these birds out in the bay. They were so far away and the light so wrong for observation of details that I could only see that there were great flocks of dark colored birds on the water in spots where the water was all ripples. After lunch we drove on to Dillon's beach which we reached about 3 p.m. It was warm and sunny, not a breath of wind - a very beautiful beach a mile or two long extending to the entrance of Tomales Bay. In the other direction the beach ended almost immediately in a rocky point <sup>and</sup> but we could see Bodega <sup>Point</sup> ~~Bay~~ to the north. Outside the breakers there were hundreds of Sea Brant. On the return trip along the north side of Tomales Bay we had better views of the Brant. West of Marshalls there was a very large flock which flew up and circled about. A boat full of hunters was shipping up on them and we heard a few shots.

1931

There were great flocks of coots and near Marshall's unnumerable gulls. At several places on the bay and over the ocean there were many Brown Pelicans. A number of hawks were noticed - Sparrow Hawks frequently seen. One with dull white at base of Tail, brown upper parts with white spot on wing may have been a Ferruginous Rough-leg. One perched on a cliff above Tomales Bay showed the throat and breast plain buffy, a densely streaked, darker band below. I took it for a Duck Hawk.

Jan. 12. Bird Section of faculty women came to watch birds on the table. A continuous succession of song sparrows, fox sparrows, brown and spotted towhees and bluejays came for food. A Vigors wren came into the tree and to the pool. Chilly.

Jan. 13. Raining and warmer.

Jan 23 Warm for January. First blossoms on plum tree out. Dr. Grinnell brought his class of 50 in two sections to watch the birds. Fox Sp. Song Sp. Br. Towhee W. Thrush and Quail came frequently to the table.

Jan. 24. Still warmer. Wild currant in bloom. Also lupines in Sunny Gulch. Sparrow Hawks calling continuously.

Jan. 25 Like spring. " " " " Thrasher.

What  
" Song Sparrow and Vigors Wrens singing. Hear H. Horned Owl often.

Feb. 9 Warm weather continuously since Jan. 23, much of the time cloudy but very little rain. Plum tree in full bloom. Many birds singing freely - Thrasher, Song Sparrow, V. wren, and occasionally titmouse & spotted towhee. Two quail (Jan. 1 ind.) and a song sparrow sport new bands. Miss O'Connor told me

a few days ago that the tenants in her oldest house were having trouble with the gas furnace. The plumber found a dead bird in the flue. Went with bird section to the lower campus. Found a few birds among the toyons <sup>and</sup> near the large Monterey pines - Coast jays, juncos, brown towhees and a hermit thrush. Heard a Spotted Towhee singing and also several Nuttall Sparrows. Found no birds at all along the creek or on the lawns or in the cultivated shrubbery near the Life Sciences

Feb. 11

building. Spent an hour in the Museum. Meadow larks singing. Song Sparrow sings at 6:40

Feb. 12.

Beautiful clear day after continuous cloudy weather but very little rain. Prunus pissardii and almonds in full bloom as also some of the early flowering double almond and a few early flowering peach.

Saw White-throated Sparrow which has spent the winter at Mrs. Learner's garden, coming every day to her table.

Feb. 13

Began to rain in late afternoon and rained most of the night. Still warm. Hear Barn Owl every night.

Feb. 14

~~Bright~~ <sup>Rainy</sup> morning. Rain Clear afternoon. Cooler.

Feb. 15.

Light showers. Cooler. Bought Pink Pearl Rhododendron

Feb. 16.

Cloudy. Cool. Robin sings every morning north west of house

Feb. 17.

Many of the quails are banded. Blue Fox Sparrow has been missing a bird since Feb. 10. Song Sparrow greeted dawn at 6:30.

Feb. 18.

Cloudy a. m. Heavy rain p. m. Robin singing.

Feb. 19

Clear.

Feb. 20

Eleanor came to find a house.









Feb. 22 Done to a ... ..  
to Boulder Creek ... ..

23. ... ..  
24. ... ..

27. ... ..

Mar. 28 ... ..  
large flock of ... .. at ... ..

29. ... ..  
30. ... ..

Apr. 1 ... ..

Apr. 2 ... ..

Apr. 3 ... ..  
Took ... ..  
... ..  
... ..  
... ..

Apr. 4 ... ..

Apr. 5 ... ..

Apr. 6 ... ..

Apr. 7 ... ..

Apr. 8 ... ..

Apr. 9 ... ..

Apr. 10 ... ..





1931

- Mar. 23. Fine day. ... Pleasant day.
- Mar. 24. ... morning ... afternoon.
- Mar. 25. ... morning ... afternoon.
- Mar. 26. ... morning ... afternoon.
- Mar. 27. ... morning ... afternoon.
- Mar. 28. ... morning ... afternoon. ... about 2 p.m. ... and up ... and warbler ...
- Mar. 29. ... morning ... afternoon. ... 11 a.m. ...
- Mar. 30. Beautiful day. Many birds singing. Thrasher, W. Wren, Song sparrow, Titmouse, Lutescent Warbler, Townsend Purple Finch, W. Flycatcher, ... and ... White cr. Sparrows.
- Mar. 31. Warm. Asterias in full bloom. Birds have deserted feeding table. Many worms eating oak leaves. nodding from droop up. Fox sp., Hermit Thrush and Kinglet (singing) ... White cr. & W. Sparrows and Townsend ... evidently migrating through in numbers.
- Apr. 1. Cloudy morning. Clear afternoon. Lutescent Warbler heard more frequently. Robins (~~sparrows~~<sup>2</sup>) in the street and garden. Mrs. ... reports that an Allen Hummer was a guest in her doorway; ... while she was away. ... at her as she sits there, painting.
- Apr. 2. Clear, crisp. Gulls rising over hills with shrill calls (migration flight?). Many W. Sparrows & Townsend Warblers. Hermit Thrush singing (a.m.) Worms eating new leaves on oaks; a few tent caterpillars seen. Robins hunt the worms.











April 30. Took beginner's class to Golden Gate Park.

Partly cloudy but no wind. Water very calm. The glass. A number of Forster Terns were flying northward across the bay. We spent an hour or more before lunch near North Lake. A Ruddy Duck in full plumage was court-  
ing two females which paid no attention to him until he swam away when they turned and followed him. He erected the white feathers on his cheeks till they looked twice as large and inflated as usual, rattled his bright blue bill and bobbed his head. A mother mallard with two very chicks drove him away when he came too near her brood. A pair of H. T. on Trees were feeding his young birds perched in an acacia tree. During the day a Russet-backed Thrush sang repeatedly in the tree immediately in front of us. A Lazuli Bunting was singing and dozens of song sparrows. Many H. T. on Trees. Shelly just

May 2. At Boulder Creek the Russet-backed Thrush, Lazuli Bunting, Wood Pewee and Ash-throated Flycatcher had come in since my last record. W. Tanagers and Robins were heard - the last in flocks. The Black-headed Grosbeak was the first bird to begin singing in the morning. It began several minutes earlier than the Olive-sided Flycatcher and sang continuously till daylight, beginning before dawn. Purple Finch, W. Flycatcher and Lutescent Warblers were the birds which followed the Olive-sided Flycatcher.



1931

My first day of work was on the morning of 4 a.m. and I kept the following record of wind and temperature:

[illegible]

May 7. Last bird trip - to Saranap - 12 miles. Not with east wind or  
no wind. Found crows, juncos, house & cliff swallows, B. P. bee. Mourning  
Doves, Yellow reds & Throated Woodpeckers, Catbirds, Ch. Flickers, No. Oriole, Warbling  
Vireo sp Hawk. Redtail, Downy & Red-wing Blackbirds as well as W. Fly. Troopers.  
B. & W. G. (the only one of its kind)

[illegible]

Cooler May 10. <sup>4.30</sup> Windy.  
Found Cassin Vireo  
nest - Male very tame.  
Both birds fed and  
incubated young.  
Incubated 15-20 min.  
looked. Later, 1. of out of nest.

May 12. Cool.

May 13. Shrews, 4<sup>th</sup> 5<sup>th</sup> 6<sup>th</sup> 7<sup>th</sup> 8<sup>th</sup> 9<sup>th</sup> 10<sup>th</sup> 11<sup>th</sup> 12<sup>th</sup> 13<sup>th</sup> 14<sup>th</sup> 15<sup>th</sup> 16<sup>th</sup> 17<sup>th</sup> 18<sup>th</sup> 19<sup>th</sup> 20<sup>th</sup> 21<sup>th</sup> 22<sup>th</sup> 23<sup>th</sup> 24<sup>th</sup> 25<sup>th</sup> 26<sup>th</sup> 27<sup>th</sup> 28<sup>th</sup> 29<sup>th</sup> 30<sup>th</sup>

May 14. Sat. May 15. Sun. May 16. Mon. May 17. Tues. May 18. Wed. May 19. Thurs. May 20. Fri. May 21. Sat. May 22. Sun. May 23. Mon. May 24. Tues. May 25. Wed. May 26. Thurs. May 27. Fri. May 28. Sat. May 29. Sun. May 30. Mon. May 31. Tues. June 1. Wed. June 2. Thurs. June 3. Fri. June 4. Sat. June 5. Sun. June 6. Mon. June 7. Tues. June 8. Wed. June 9. Thurs. June 10. Fri. June 11. Sat. June 12. Sun. June 13. Mon. June 14. Tues. June 15. Wed. June 16. Thurs. June 17. Fri. June 18. Sat. June 19. Sun. June 20. Mon. June 21. Tues. June 22. Wed. June 23. Thurs. June 24. Fri. June 25. Sat. June 26. Sun. June 27. Mon. June 28. Tues. June 29. Wed. June 30. Thurs. July 1. Fri. July 2. Sat. July 3. Sun. July 4. Mon. July 5. Tues. July 6. Wed. July 7. Thurs. July 8. Fri. July 9. Sat. July 10. Sun. July 11. Mon. July 12. Tues. July 13. Wed. July 14. Thurs. July 15. Fri. July 16. Sat. July 17. Sun. July 18. Mon. July 19. Tues. July 20. Wed. July 21. Thurs. July 22. Fri. July 23. Sat. July 24. Sun. July 25. Mon. July 26. Tues. July 27. Wed. July 28. Thurs. July 29. Fri. July 30. Sat. July 31. Sun. Aug. 1. Mon. Aug. 2. Tues. Aug. 3. Wed. Aug. 4. Thurs. Aug. 5. Fri. Aug. 6. Sat. Aug. 7. Sun. Aug. 8. Mon. Aug. 9. Tues. Aug. 10. Wed. Aug. 11. Thurs. Aug. 12. Fri. Aug. 13. Sat. Aug. 14. Sun. Aug. 15. Mon. Aug. 16. Tues. Aug. 17. Wed. Aug. 18. Thurs. Aug. 19. Fri. Aug. 20. Sat. Aug. 21. Sun. Aug. 22. Mon. Aug. 23. Tues. Aug. 24. Wed. Aug. 25. Thurs. Aug. 26. Fri. Aug. 27. Sat. Aug. 28. Sun. Aug. 29. Mon. Aug. 30. Tues. Aug. 31. Wed. Sept. 1. Thurs. Sept. 2. Fri. Sept. 3. Sat. Sept. 4. Sun. Sept. 5. Mon. Sept. 6. Tues. Sept. 7. Wed. Sept. 8. Thurs. Sept. 9. Fri. Sept. 10. Sat. Sept. 11. Sun. Sept. 12. Mon. Sept. 13. Tues. Sept. 14. Wed. Sept. 15. Thurs. Sept. 16. Fri. Sept. 17. Sat. Sept. 18. Sun. Sept. 19. Mon. Sept. 20. Tues. Sept. 21. Wed. Sept. 22. Thurs. Sept. 23. Fri. Sept. 24. Sat. Sept. 25. Sun. Sept. 26. Mon. Sept. 27. Tues. Sept. 28. Wed. Sept. 29. Thurs. Sept. 30. Fri. Oct. 1. Sat. Oct. 2. Sun. Oct. 3. Mon. Oct. 4. Tues. Oct. 5. Wed. Oct. 6. Thurs. Oct. 7. Fri. Oct. 8. Sat. Oct. 9. Sun. Oct. 10. Mon. Oct. 11. Tues. Oct. 12. Wed. Oct. 13. Thurs. Oct. 14. Fri. Oct. 15. Sat. Oct. 16. Sun. Oct. 17. Mon. Oct. 18. Tues. Oct. 19. Wed. Oct. 20. Thurs. Oct. 21. Fri. Oct. 22. Sat. Oct. 23. Sun. Oct. 24. Mon. Oct. 25. Tues. Oct. 26. Wed. Oct. 27. Thurs. Oct. 28. Fri. Oct. 29. Sat. Oct. 30. Sun. Oct. 31. Mon. Nov. 1. Tues. Nov. 2. Wed. Nov. 3. Thurs. Nov. 4. Fri. Nov. 5. Sat. Nov. 6. Sun. Nov. 7. Mon. Nov. 8. Tues. Nov. 9. Wed. Nov. 10. Thurs. Nov. 11. Fri. Nov. 12. Sat. Nov. 13. Sun. Nov. 14. Mon. Nov. 15. Tues. Nov. 16. Wed. Nov. 17. Thurs. Nov. 18. Fri. Nov. 19. Sat. Nov. 20. Sun. Nov. 21. Mon. Nov. 22. Tues. Nov. 23. Wed. Nov. 24. Thurs. Nov. 25. Fri. Nov. 26. Sat. Nov. 27. Sun. Nov. 28. Mon. Nov. 29. Tues. Nov. 30. Wed. Dec. 1. Thurs. Dec. 2. Fri. Dec. 3. Sat. Dec. 4. Sun. Dec. 5. Mon. Dec. 6. Tues. Dec. 7. Wed. Dec. 8. Thurs. Dec. 9. Fri. Dec. 10. Sat. Dec. 11. Sun. Dec. 12. Mon. Dec. 13. Tues. Dec. 14. Wed. Dec. 15. Thurs. Dec. 16. Fri. Dec. 17. Sat. Dec. 18. Sun. Dec. 19. Mon. Dec. 20. Tues. Dec. 21. Wed. Dec. 22. Thurs. Dec. 23. Fri. Dec. 24. Sat. Dec. 25. Sun. Dec. 26. Mon. Dec. 27. Tues. Dec. 28. Wed. Dec. 29. Thurs. Dec. 30. Fri. Dec. 31.

May 15, 16, 17 had much of my paper wet.

[illegible]

Fig. 8. Plot of  $\log \frac{1}{\rho} \left( \frac{1}{\rho} - \frac{1}{\rho_0} \right)$  vs.  $\log \frac{1}{\rho} \left( \frac{1}{\rho} - \frac{1}{\rho_0} \right)$  for the same samples as in Fig. 7.

all the above. Now, in the  
91° m.s.f.

Aug 11. 1891. 6 days. 1. ch and 2. small eggs on ...

24720 - 1982 - 10 - 12 - H. A. - 1982

... and ... ..

1890-1891

[illegible]

There is no one to take the place

[illegible]

Had trouble @ 8:25 but no red ink lines between lines and

8:45 and over a hill & then along a ridge & along

No. 3 - the set no. 7 Feb 2013 9:15 and 10:00

things. The man seemed to confine his attention to c. l. individuals.

to 2 mi<sup>1</sup> s, along road side, returning to the same place

one, cheer. She had in the end, used a single bee instead of the

It is also clear from the following that the same is true for the other two cases.

Hottel - J. S. - Co. - 1st - 1st - 1st

20. Robert Louis Stevenson is the best author of the 19th century. - 10

May 20. Baby Cassin 2 was in the nest all day; others in near neighborhood of nest. Wonderful chorus at dawn with thrush and grosbeak the first to begin. Kingfishers conspicuous though not heard on previous visits. Chipping Sparrow heard first time. Linnets flock which has been on the upper side of the Winklesick place have dispersed. Hot. No wind.

Sp. T. began singing at 4 a.m. Clear.

May 21. Came back last night to Berkeley as to water garden. Hills turned very brown during the three days of heat. Turned cold p.m.

May 22. Chorus of bird song began at 4:20 (high fog); <sup>order</sup> Sp. T., but warbler, thrush robin in distance, grosbeak, 3. Towhee (4:30), thrasher (first time for several weeks), song sparrow, tiger wren, jay. Cut worms pupating. Yesterday - put watermelon seeds on the feeding tray which has been empty since late March. A family of titmouse came into the oak and parents took seeds to the young; also jay, sp. towhee and brown towhee.

May 23. Thrasher - Titmouse warbler singing. Went with Eleanor and children to Bolinas creek. In mountains clouds were gathered and in late afternoon it began to rain. Rained hard all night.

May 24. Rained all day. Tanagers were singing. Kingfishers calling frequently. 1 young Cassin vireo in tree near nest. Song of male heard occasionally. The young vireo flew short distances - from branch to branch and once caught an insect.

May 25. Clear and sunny. Tanagers singing. Kingfishers calling frequently. 1 young Cassin vireo in tree near nest. Song of male heard occasionally. The young vireo flew short distances - from branch to branch and once caught an insect.

May 26. (Sun) Clear and sunny. Rained day. Had about 2 inches of rain. At 4:40 a.m. the song of the Towhee began coming occasionally and a little later I thought I heard a Sp. T. but the martin was heard singing - first time in several years (I was sleeping on the porch): at 4:15 a.m. The Towhee began with the Towhee, <sup>4:05</sup> Towhee then the grosbeak <sup>4:10</sup> grosbeak <sup>4:11</sup> grosbeak, until 4:30. The grosbeak <sup>4:11</sup> grosbeak, thrush, pileolated warbler, brown towhee soon after. The warbling vireo <sup>4:40</sup> warbling vireo and the Cassin vireo and Towhee Towhee Towhee Towhee. The grosbeak sings many variations and so long that I cannot hear distinct notes after he begins. At 5 p.m. I could hear a Warbling Thrush in distance. Worked on garage floor.

May 27. At 4 a.m. the grosbeak, spotted and brown towhees and lutescent warblers were singing. I did not stay awake to hear others. Tanager sang frequently all day. Hermit Thrush heard. Worked all day on garage floor - finished 5 p.m.

May 28. Beautiful weather. Returned to Berkeley via Niles Canyon. Quite hot in Contra Costa Co.

May 29. Cool. Few birds singing. Mathers flying about oaks again.

May 30. Cooler. Fog morning & evening.

June 1. Young thrasher bathing in the pool. Chilly fog.

June 4. House Wren singing near boxes all the morning.

June 5. Boulder Creek. Morning chorus of birds as loud as last week with grosbeak, tanager, scrub finch, towhees, <sup>lutescent</sup> warblers and olive-backed flycatcher. Towhee at tree. The thrush except its note at the beginning; but it was the main singer. Shower in the evening.

June 6. (over morning) Shower of rain in the morning. A light shower about 4 p.m. The ferns very active. Tanagers still singing.

June 7. Lark. Finches singing the stroke of notes. Some respect of 7 notes of phrase. It was at last 1 phrase.

June 8. Tanagers and others at home. <sup>Tanager at home</sup> during 2 p.m.

Tanager quite wet. However shower was in Berkeley then at Boulder.

June 9. Only few birds out. It was 2 towhees and grosbeak and thrush in distance. Later a thrasher singing. Worked in garden. Rained quite a bit last night. Parakeets busy during day.





June 24-57 ...

July 1. ...

July 2. ...

July 3. ...

July 4. ...

July 5. ...

July 6. ...

July 7. ...

July 8. ...

July 9. ...

July 10. ...

July 11. ...

July 12. ...

July 13. ...

July 14. ...

July 15. ...

July 16. ...

July 17. ...

July 18. ...

July 19. ...

July 20. ...

July 21. ...

July 22. ...

July 23. ...

July 24. ...

July 25. ...

July 26. ...

July 27. ...

Berkley July 25, 21

July 23 Started to Los Angeles, spending most night at Boulder Creek.

July 24 stopped at Moss Landing where a number of shore birds

quite numerous in the lagoon. One Curlew was Long-

billed, others Hudsonian. Some Godwits, Willets and

Dowitchers were present - About 200 Brown Pelicans

and many small terns, gray all over back, wings

& tail and calling tic tic - Probably Least terns -

~~South of Pismo beach a few curlews~~ <sup>San Juan Maria</sup> spent night at

July 25. Along the coast from San Juan Maria to Pismo

scattered Curlews (Hudsonian), let & a few other birds

1931

July 25 (Sat.) Reached Los Angeles about 5 p.m. Very hot - humid.  
 July 26 (Sun.) Spent morning at the beach. Life a steam bath. Mocking-  
 birds were feeding a young bird (probably a son or daughter) in  
 the woods here. Birds are scarce. No more about. Went  
 to Ross' studio in afternoon. It was cool and pleasant.

Then to the beach.

July 27 (Mon.) Spent morning at the beach. Then drove to Playa  
 del Rey. A few cormorants were on the shore. A few  
 curlews and a number of terns (least?) were in the lagoon.  
 The terns were lined up on the shore very close together and  
 all facing the same way - usually one place. Cloudy. Rained in  
 the part of Los Angeles - all night.

July 28 (Tue.) Started home. It was very comfortable during  
 the morning. The weather was very pleasant. We were  
 in the car. It was a very pleasant trip. It was a very pleasant trip.

Spent the afternoon at the beach. It was a very pleasant trip. It was a very pleasant trip.

July 29 (Wed.) Spent the morning at the beach. Then drove to the beach. It was a very pleasant trip. It was a very pleasant trip.

Aug 4. At 3:30 p.m. a Slender billed Nuthatch came to the large oak tree above the pool east of the house. It alighted on the main trunk, moved downward with bill pointed down, picked insects (?) out of the lichens, moved sidewise, upward a little way; then flew across to the spruce over the pool, alighted on the cement coping and drank. Remained several minutes until disturbed by a closing door. I have no recollection of ever having seen this species near the house before.

Aug 5. Drove to San Francisco by Golden Gate Ferry. was surprised to notice that no gulls were near the boat until we neared the S.F. shore. Many Heermann Gulls on Se. L. Rocks; also Brown Pelicans. One white winged scissor seen on bay.

Aug 9. ...  
Aug 11. Have heard Slender billed Nuthatches for the first time since we arrived in the west, ...

... are heard calling and ... singing and Vigors Wrens sing occasionally. Two cats in the neighborhood (possibly three) have disappeared. Weather cool. Sunny afternoons. Wren-tits sing occasionally.  
 Aug. 12. University hours.

Aug. 13. Jamie's jaw operated on at Alta Bates.

Aug. 17. Jamie came home from hospital. Foggy till noon.

Aug. 19. No fog but cool. Heard Nuthatch once. Saw Russet-backed Thrush at pool. Heard blackbirds flying over in early morning. Visited Lake Merritt. Took photo of pelicans. White-fronted Geese & Snow (Ross?) Geese present (hatched?) Hybrid Mallards, 1 Baldpate (Lake?)

Mrs. Blanks reported that Beverly saw a Townsend Warbler <sup>(lighter on wings ill)</sup> Aug. 17, and that as they crossed Dunbarton Bridge Aug. 16, many sandpipers alighted on road. Many insects were crushed against windshield - probably these were the attraction on the roadway to the sandpipers.

Aug. 22. Warmer. Slender-billed Nuthatch & Willow Woodpecker about. Worms are eating oak leaves again. Heard Black-headed Grosbeak. Saw two Lutescent Warblers yesterday.

Aug. 23. Day warm.

Aug. 24. At 6:30 a.m. I saw a thrush perched on a ... of the oak tree below the drinking pool ... It looked very small and pale in color. It ... and called "chuck". It flew over the ... it again flitted ... "chuck". A Hermit Thrush so early?

Aug. 27. Cool. Several Townsend Warblers were seen at different times during the day. At 5:45 p.m. a heavy black fog made it quite dark. I noticed birds at the pool so stopped to watch them. Bush-tits, 3 Townsend Warblers, a Russet backed Thrush, a Yellow Warbler, W. Flycatcher. A moment later two Titmice and a Slender billed Nuthatch came to the table for food. Later two Nuthatches were on the table at once. The first appearance of this species at the ash.

Aug. 28. Warbling Vireos in the ash & house.

Drove to Cedar Brook in the afternoon.

Aug. 29. Cloudy & foggy. A large number of birds at Cedar Brook.

Sept. 1. A large number of birds at Cedar Brook.

Sept. 2. A large number of birds at Cedar Brook.

Sept. 3. A large number of birds at Cedar Brook.

Sept. 4. A large number of birds at Cedar Brook.

Sept. 5. A large number of birds at Cedar Brook.

100

Sept. 5. Heard a Tanager calling at Boulder Creek.

Oct. 7. Under which the others have been coming to  
the feeding table frequently during the past week.  
One flew across from the tree to the base handle,  
from that to the adroon branch - and fastened

on the table then to the wish for water, then on to

the table for crumbs. Beautiful weather.

Oct. 10. Great Horned Owl was hooting just before dawn

I to Roger and I. Both. at the same time a

Leontine, a young woman, a Titmouse

S. Hutton luteo - rose in sight. ne So. Lutharsh  
near,

Oct. 11. ... to San Francisco

trans. Sept. '9 - 1 any gulls on the bay. No ducks

These birds. The today flats south of the Key route  
have all been filled in and lands are being

Don't forget to ask about the (new) bridge?

It is a very wet. back of the head and

"...and the world. The blower sang softly and

I was in the Bluejay dig every day.

Water level is still about three

the vertebrate at: a small flock of guinea

played in street. A jay flew at them several times (play?)

Sept. 12 Drove to Boulder, leaving Berkeley at 6:20. Breakfast at

Hayward at 7 a m then on to Mills, Centerville, Dunbar's Bridge,

Wadeville & Wayne Blvd. Reached Boulder at 10:20. Worked on garage 11 a.m. to 5 p.m. Stream still flowing but very little.

birds very silent. At Lunenburg Bridge, east side, many  
sandpipers were feeding on the roadway 31000 ±. Phalaropes in salt ponds.

Sept. 15. Almost no birds heard. Drove also saw few  
tracks of quail. Hunted early. Hunting for deer.  
Returned to Berkeley by Los Gatos. Beautiful day. Heard wood  
pecker near camp - Squirrels heard more frequently than  
birds.

Sept. 14. Sunset b. P. ... h. Song sp., Titmouse, singing, brown tit  
(singing), fawn warbler, both birds heard before 5:45 a.m.

Some of the holes of the same the so called "ice house" of 1909  
birds, in the hole of the nest. Heard Slender billed Nuthatch p. 2  
Killed a few of the nest 1909 in the hole of the nest.

Sept. 15. Hard slender billed nuthatch once. At 2:45 -  
a great aggregation of birds came to the pool: a  
flock of about 50 bush tits; two Townsend Wonders;  
one Lutescent Warbler; Cassin Vireo (two white wing bars  
and decided white eye ring - of quite complete); Titmouse  
(on table) song sparrow. As they moved on a jay  
came to the table and took the walnut. Had  
lasted on with wire. A rail came to the table  
before 7 a.m. Most of the time here to stick  
in sight. Then whole aggregation comes in.  
Cloudy morning; clear in afternoon. Am. sent. it.

Sept. 16. Foggy morning clear in afternoon. No thrushes since Sept. 14.

Sept. 17. Townsend Warblers. juncos, See der vireo Nuthatch, H. Mon  
in vireo, large flock of Ash-throats near house Western Gnatcatcher  
and juncos in Sunny Gulch Foggy morning, clear afternoon

Sept. 18 Stated City Club "Bird Lore" 20 regulars.

Loggy morning - clear & moon in afternoon. Fair

Snow in  
Summer.

Sept. 20. Enough North wind to clear away the fog.  
Warm day.





[illegible]

Sept. 20 Boulder creek. Not no birds light cold  
Warm day. A flock of juncos; a flock of maine q.  
flock of snows in N. & L. which will probably  
goldfinches; a Kingfisher, a Russet backed Thrush and  
a Western Flycatcher. Saw no birds to

Sept. 27. Found Tanager and keeper. On way to Berkeley  
saw 1 or 2 <sup>to</sup> near Santa Clara and at 10000  
ft. saw 1 or 2. Lost with 1 or 2.

St. L. ... ..  
... ..  
... ..

f. 2. *Thymus* *lanceolatus* *L.*  
 1. *Thymus* *lanceolatus* *L.*  
 2. *Thymus* *lanceolatus* *L.*

2. ~~mit~~ mit 1. und 2. Teil.

It is a very interesting thing to see  
 the way in which the people of the  
 H. and the people of the  
 U. S. are getting on in the world.

A brown-winged Sparrow came to the pool and three  
 the birds - one brown and two red birds.

Oct. 8 Two Red tailed Hawks rose from below the tops of the pine trees at the lower end of Mooswood Rd. a sparrow Hawk swooping one of them.

Oct. 9. Summer Class explored the canyon near  
the Cordones Club. Birds were very abundant.  
List: 1 Ash Sh. Hawk, 12-15 Flickers, dozens of Cal. jays.  
many House Sparrows, a few Golden-  
crested Sparrows and Fox Sparrows; Brown and  
Lutescent Towhees, Green-backed Goldfinch, Bush-tits,  
P-c 1 night, many Red-wings, Warblers, Purple Finch,  
Titmouse, Anna and Allen Hummers and a Western  
Winter Wren - which we heard but did not see.

In p.m. we move to Buller's Creek, (omit Thrush  
as it has been shot), <sup>Golden-crowned and</sup> t-c caught under house  
and large flocks of Gambel's Quail near Tilton -  
at night at Santa Cruz as house is not finished.

St. 10. Outd y at Santa Fe & Boulder Creek (painting)  
and drove home in evening - Cold at night.

f. 11. *Quercus alba*.

Feb. 12. out in early morning. (winds (1 fog) cleared about 9 a.m. Beautiful morning. Freshly Bird Section went to Botanical Gardens. Birds very abundant. Saw only Anna Hummingbirds about Tobacco which is still in flower. It: slender-billed Nuthatch, Audubon's Kinglet, Ash-throated Flycatcher, Bush-tits, Titmice,

Hutton Vireo (on), House Wren, ...  
 Lutescent Goldfinches, Fox Sparrow, ...  
 a few Yellow-crowned Cuckoos - (H. sp. on), 3.15 p.

Oct. 12<sup>th</sup> at 10:30, Song Sparrow  
 Oct. 12. W.W. Wren below house - Chilly day.  
 Oct. 14 at ... H. sp. on, ...

3 acerbic flying over, then Fox Sparrow at 10 p.m.  
 Golden-crowned Kinglets were heard near house. Chilly  
 insurance check rec'd.

Oct. 15 Fresh snow to work at H.E. ...  
 trees: ... on the ...  
 There were ... after going ...  
 red ... to the ... for ...  
 came to the table. Has placed a seed ... to ...  
 the ... the seeds in ...

Oct. at 5:30 p.m. Fox Sparrow was calling ex-  
 citedly in the top of an oak tree under which  
 I was standing. By looking up through the tree  
 I could see the outline of the bird against the sky.  
 It moved about rapidly within a small range,  
 calling rapidly. After two or three minutes it settled  
 on a small cross twig, suddenly grew silent, in-  
 dently ... for the night. I could not see the  
 exact attitude. It was in the densest part of the  
 foliage (where ... by ...  
 and fully twenty feet from the ground.

1931

Oct. 16. Took the ad-nice class to Cordobanes Park, entering from Tawalpais road in order to have the sun behind us. Birds were very thick, many of them evidently sitting in the big stream which at this point runs under a dense tangle of creek bog wood, rank very reeds and willows. A large flock of greenish-winged were nearly lost as we were passing on. A fine view of the Hermit Thrush on a low hanging vine about 100 yds and a Fox plover picking out the seeds from a head of wild grass. Many small carraways were flying freely. The stream where the water drops from a small cascade into a pool six feet deep. Townsend's Sparrows were singing and an Anna Hummer hovered above the water dropping to the edge of the stream occasionally. Under a narrow view we stopped to watch live blue-crowned Kinglets who were noisily disputing over Townsend's boundaries. One raised its crown continually. Suddenly it seemed to hang upside down which astonished me for I have never seen one do that. We soon discovered it was caught in a bunch of cobwebs and could not extricate itself. The branch was shaken vigorously which freed the bird but it spent the rest of the time (15 min?) picking off the cobwebs, one wing being bound completely by it.



1931

Oct. 22, 23 - very rainy first of season. Wind p.m. 23rd - sudden.

Oct. 24. ... beautiful ... day. ... ..  
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Oct. 25. ... ..

Oct. 26-30 ... ..

Oct. 30. ... ..

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Oct. 1. ... ..

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Oct. 1. ... ..

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Oct. 2. ... ..

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Nov. 13. ... went to Mrs. ... Cold, Cloudy.  
 ... of Golden-crowned and Gambel Sparrows were  
 feeding in the oaks. ... that were sprayed last spring  
 ... very few for eggs but have eggs on the under sides  
 of the leaves. Trees that were not sprayed are absolutely bare -  
 no place for eggs. ... conclusion.

Nov. 14. ... at night. ... morning  
 ... to ... .. night  
 ... .. frost.

Nov. 15. ... .. seeds and  
 ... ..

Nov. 16. Rained ... .. (Berkeley).

Nov. 17. ... ..

Nov. 20. Rained ... .. Cloudy ... morning in Museum.

Mr. Sumner brought in a white throated Sparrow he  
 had caught in ... canyon. <sup>Nov. 21, 22</sup> ... ..

Nov. 25. ... .. from Los Angeles. Weather  
 cold. ... .. night.

Nov. 26. ... ..

Nov. 27. ... .. to ... feeding table.

Nov. 28. ... .. about

2:30 p.m. ... .. frost.

Nov. 29. ... .. to 20°. Ice and ground frozen

... .. Clear, crisp.

Nov. 30. ... ..

Dec. 1. ... .. birds on table.

... ..

... .. Spotted & Brown





Dec. 20. Rain all day. Several thousand Robins came into the

21. ... 18 Table for food.

1. 24, 23, 22. 8 in.

Dec 25. Fair & dry and at night. no cos. no new ex. sp.

comp. p. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 84

See 2. "Laid out all day. 5 ft. square hole - 10 ft. deep"

1-31. The ... at ...

at 20. at 10. at 10. at 10. at 10. about  
- H. L. F. - at 7. 16 miles

1/2

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Dr. G. ...  
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[illegible]



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[illegible]

Feb 6 ... the ... Still.  
... Mrs. ... in ...

Feb. 1904. ... it got ...

Feb. 10. ... East ... The heavy rain ...

Clear skies. Frost in morning. Lagunitas etc.

... ..

1.  $\frac{1}{2}$  of the original amount of the substance is left after 100 years.

1. The first thing I noticed when I stepped  
out of the plane was the fresh air. It felt like I  
had been in a bubble for hours. The sun was  
shining brightly, and the birds were singing.  
I took a deep breath and smiled. This was  
my first time in a new country, and I was  
excited to see what I could find.

1. The first part of the paper is devoted to a discussion of the general principles of the theory of the structure of the atom.

1. The first group of people who are interested in the results of the study are the researchers themselves. They want to know if the study was successful in achieving its objectives and if the results are consistent with their expectations.

1. The first part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

1. The first part of the document is a list of names and dates, which appears to be a record of some kind. The names are written in a cursive script, and the dates are in a more formal, printed style. The list is organized into two columns, with names on the left and dates on the right. The names are: John Smith, James Brown, William Jones, and Thomas White. The dates are: 1810, 1811, 1812, and 1813. The list is followed by a signature, which appears to be "John Smith".

... we could see

... must be

... it is the ...

1. 5. 1954

[illegible]

9. 6. 1950. In a small pond at the end of the road.



... of ... it ... 40 ... it ... the ... in ... I ...

... 100-1 ... 10- ...

... 12-15 ... 101 ...

... N ...

Spruce Hawk - many were seen ...

Small ... 40+

... to ...

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... 12+ in ...

... would ...

Green headed heron

Pine siskin

Feb. 10 (cont.) - ... in ...

... and ...

... and ...

... and ...

... and ...

Feb. 12 ... with ...

Feb. 13 ... with ...

Feb. 14. ...

Feb. 15. ... with ...

Feb. 16. ...

Feb. 19. Began City Club "Bird Lore", ... day.

Feb. 20. Cloudy. Drove to ...

Feb. 21. ...

Feb. 22. ...



Mar. 1. Took Tuesday Class to Glenwood Hotel 3.00 per.

[illegible]

*Faint handwritten notes at the bottom of the page.*

[illegible] $\delta \pi = \frac{1}{2} \left( \frac{\partial \pi}{\partial x} \right) dx + \left( \frac{\partial \pi}{\partial y} \right) dy + \left( \frac{\partial \pi}{\partial z} \right) dz$ 

1.  $\frac{1}{2} \frac{d}{dt} \left( \frac{1}{2} \frac{d^2}{dt^2} \right)$

[illegible]

*[Faint handwritten notes]*

100

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1. The first part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

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5/10/1918

[illegible]

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*[Faint handwritten notes at the bottom of the page]*

1895

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(L. d. ... ..)

Chester, Conn. Dec. 15. 1879.

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(12 12?)

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There are many of them in the garden.

1. There are many of them in the garden.

There are many of them in the garden.

There are many of them in the garden.

There are many of them in the garden.

There are many of them in the garden.

There are many of them in the garden.

There are many of them in the garden.

There are many of them in the garden.

There are many of them in the garden.



1932.

2. 26. 1906. Pigeon hole with 4 eggs in Mrs. Stump's garden.  
Nest 27. 1906. 1 egg in the water near the nest.  
+ 1 egg in the water near the nest.

March 27. 1908. One is sitting in the nest. Is of nest.

$\frac{1}{2} \times 200 \times 60 = 6000$

It is to be in my list to be heard it.

1) Anfangs ...

g - 1 Empty. No oil is removed

... .. 7, 11.

Left ... at 1:35 ...

Sept. 14. at ... ..

16. The first of these is the fact that the

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2000

*[Faint handwritten notes at the bottom of the page]*

W. H. ... and

1. The first part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

a 'st. ... right 1 down

5. The first of these is the fact that the *U. S. S. R.* is a country of the East, and as such, it is a country of the East.

1. d. a. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839.

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I like a red ribbon

...the ...

July 14, 1900, 1900.

normal g.t., ... further, one adult and one

*Handwritten:* ... ..

[illegible]

2. The second part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as  $t \rightarrow \infty$ . It is shown that the solutions of the system (1) tend to zero as  $t \rightarrow \infty$  if the matrix  $A$  is stable. The asymptotic behavior of the solutions of the system (1) is also studied for the case when the matrix  $A$  is not stable. It is shown that the solutions of the system (1) tend to infinity as  $t \rightarrow \infty$  if the matrix  $A$  is not stable.



March 28. Went with 'Bird Ladies' to the survey  
Canyon to Belanical Gardens and drove into the dry  
and wooded wild canyons. Found birds very scarce.  
Few species and few individuals except for Coast jays  
and Lutescent warblers. The few Go. Wren and Golden-cr. Sparrows  
a Hermit Thrush (singing) <sup>meow in back</sup> and a Fox Sparrow (singing)  
were about the only W.V. I saw. I also saw  
Hutton and P. Lutescent warblers. The dry  
canyon was very rocky with a few  
trees here and there. It was a W. Flycatcher  
at 4:20 a.m. at the top of the canyon.

March 30. Went with 'Bird Ladies' to the survey  
Canyon to Belanical Gardens and drove into the dry  
and wooded wild canyons. Found birds very scarce.  
Few species and few individuals except for Coast jays  
and Lutescent warblers. The few Go. Wren and Golden-cr. Sparrows  
a Hermit Thrush (singing) <sup>meow in back</sup> and a Fox Sparrow (singing)  
were about the only W.V. I saw. I also saw  
Hutton and P. Lutescent warblers. The dry  
canyon was very rocky with a few  
trees here and there. It was a W. Flycatcher  
at 4:20 a.m. at the top of the canyon.

March 31. Went with 'Bird Ladies' to the survey  
Canyon to Belanical Gardens and drove into the dry  
and wooded wild canyons. Found birds very scarce.  
Few species and few individuals except for Coast jays  
and Lutescent warblers. The few Go. Wren and Golden-cr. Sparrows  
a Hermit Thrush (singing) <sup>meow in back</sup> and a Fox Sparrow (singing)  
were about the only W.V. I saw. I also saw  
Hutton and P. Lutescent warblers. The dry  
canyon was very rocky with a few  
trees here and there. It was a W. Flycatcher  
at 4:20 a.m. at the top of the canyon.

Apr. 1. Went with 'Bird Ladies' to the survey  
Canyon to Belanical Gardens and drove into the dry  
and wooded wild canyons. Found birds very scarce.  
Few species and few individuals except for Coast jays  
and Lutescent warblers. The few Go. Wren and Golden-cr. Sparrows  
a Hermit Thrush (singing) <sup>meow in back</sup> and a Fox Sparrow (singing)  
were about the only W.V. I saw. I also saw  
Hutton and P. Lutescent warblers. The dry  
canyon was very rocky with a few  
trees here and there. It was a W. Flycatcher  
at 4:20 a.m. at the top of the canyon.

5. Clear, cool. wind from NW. Many birds singing at intervals throughout the day. Some species as yesterday and singing Passim and Hutton Vireos. Two thrashers are common, one west of of ... and ... across Glenwood Rd. They seem to alternate as if ... older - named ... set of them) in fact ...

for ... on ...

Mrs. Thomas ... near Blake home.

... died ...

is ... first to ... abundant.

... singing at

10 a.m. ... passing

... as many as ...

... 7 9 7 7 9, in

a very ... with phrases in the same

... never overlapping as they frequently ... if uttered by

... of the

... is well ... and was ... today.

Many ... and ... of ... and a Titmouse

... are ab. and ... (R. Knight?)

... in ...



April 12. in Love at Pando. was 5 hrs. Scattered day

Allylic &

W.V. red-B. fl x inf. l: be. n. g. 7-8. in. red in f. l. of image.

Nov 13. Mon. - 9:11 AM

Feb 14. Son 1 - 1 more at.

5. 10. 1914. 10. 10. 1914. D.V. 10. 10. 1914. Phycathus singing and  
singing N. Phycathus, N. 10, (as in 10. 10. 1914), a dark, purring  
sound, some of the notes are. The notes are

v.v. if it were found, ... as a pair of

1907

2. 17. 5. 2. ...  
to ...

to the 1/2 in. of the all kinds of blue

as it is. on the other hand, the only way to get the most out of it is to use it as a guide to the best of our ability.

Ex. 1. 7) The end of  $T$  is in the set of

l. 3. a. . . . . t. 12 p. 1. . . . . Virginis nuc

1. It is a day -

Hard on the night, 1 Hermit Thrush, 2 v. G. & 9 Grackles & Sparrows.

*[Faint handwritten notes]*







1932

May 1. Clearing Warm. During a walk we heard and saw many birds including Wood Pewee, Ash-throated Flycatcher and Russet-backed Thrush (call notes only).

May 2-4. Cloudy with occasional showers. Flycatcher near Wren's.

May 5. Clear. Ash-throated Vireos are quite noisy. Parents below call except when a Blue Jay appears in the oaks. The male river has made a practice of singing near the nest or even in the oaks east of the house. In the chorus at dawn I never hear him.

May 6. Golden Gate Park and Lake Merced. Sunny in Berkeley but a little fog and chilly all day in the park. Jay has a hole in the bay - a few Cowbirds still near the pair (4 day). At Cliff House, two Wandering Tattlers, many Crows and a few Western Gulls - at North Lake, Mallards (one male swimming in nest in "sculpture" about the ft. from mound); female with brood of ten on lake. A few Coots.

At the bay, much of the day. Many quails, Wilson's Hummingbirds everywhere. Western Flycatcher, Hutton Vireo (nest), many Vigors Wrens, a Blue Jay, a Russet-backed Thrush (in nest song); Pileolated Woodpecker, Red-breasted Nuthatch and White-eyed Vireo, Purple Finches, Red-wings, House Wrens and Spotted Towhees (few). The birds on the river to lake heard were in form of Yellowthroats and Tree Swallows, Black-throated Green (one full plumage, one with yellow lining in throat being very good parents), Buddy Ducks in the bay and Wandering Tattlers - but Pileolated Woodpecker, Purple Finch, Red-wings and Spotted Towhees.



May 8<sup>th</sup>. ... ..  
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The first part of the paper is devoted to a study of the properties of the function  $f(x)$  defined by the equation  $f(x) = \sum_{n=0}^{\infty} \frac{f_n(x)}{n!}$ , where  $f_n(x)$  is a function of the  $n$ -th order of the differential equation  $y^{(n)} = P_{n-1}(x)y^{(n-1)} + Q_{n-1}(x)y^{(n-2)} + \dots + R_{n-1}(x)y + S_{n-1}(x)$ . The function  $f(x)$  is shown to be a solution of the differential equation  $y^{(n)} = P_{n-1}(x)y^{(n-1)} + Q_{n-1}(x)y^{(n-2)} + \dots + R_{n-1}(x)y + S_{n-1}(x)$ . The second part of the paper is devoted to a study of the properties of the function  $f(x)$  defined by the equation  $f(x) = \sum_{n=0}^{\infty} \frac{f_n(x)}{n!}$ , where  $f_n(x)$  is a function of the  $n$ -th order of the differential equation  $y^{(n)} = P_{n-1}(x)y^{(n-1)} + Q_{n-1}(x)y^{(n-2)} + \dots + R_{n-1}(x)y + S_{n-1}(x)$ . The function  $f(x)$  is shown to be a solution of the differential equation  $y^{(n)} = P_{n-1}(x)y^{(n-1)} + Q_{n-1}(x)y^{(n-2)} + \dots + R_{n-1}(x)y + S_{n-1}(x)$ .

May 11. Letter to City of New York. I was so glad to  
 get something in form of your letter. I was very glad  
 to hear from you. To have it from you is  
 very good.

12- 10 f. y is in the same place as  
 seen 5. 1000 ft. in the same place. Saw a frog  
 2 ft. in the same place. Heard a 1 1/2 ft. in the  
 same place. Not seen.





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May 19 Saw a 3rd (old sp.) over the Life Science Bldg.  
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May 21. ... ..  
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May 22. ... ..  
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May 23. ... ..

May 24. ... ..

May 25. ... ..

May 25. H. t. ... ..

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May 29 & 30 Raining most of the time.

May 31. Clearing. Drove to Boulder with Mr. & Mrs. Thompson

June 1. Warmer. Garden flourishing. Thrushes in full song. A Hermit Thrush sang frequently in Big Basin yesterday, near the big tree named 'Father of the Forest'.

June 2. Drove to Boulder. A day away to the

June 3. House clearing. Drove to Boulder. A day away to the

June 5. Took Clarence and Mabel to Boulder.

June 6. Hermit Thrush in the Big Basin in the same place.

June 7. Took Clarence and Mabel up Mt. Diablo. Quite hot. Birds noticed. Mourning Doves. Juncos, Mail Red-tailed + Sparrow Hawk. Thrasher. Lazuli Bunting, Green backed Goldfinches. Chipping Sparrow.

Blackbirds At Diablo Country Club. Flicker. Red bellied Sapsucker. Red all and Calif. Woodpecker. Red backed Thrush, House Wren + Woodpecker. Yellow Warbler.

The mammal seen on branch of a dead tree, larger and <sup>rounder</sup> fatter than a squirrel, red-tailed. (Mr. S. S. S. today)

June 12. Thunder has been coming during long periods. It has been raining fast several days. At Boulder, I got from the road to see, the same as probably all nesting again, singing from the

W. Flycatcher did not come to the porch (porch gone) nor in water near the box. The scaffolding is up. It is the first time I have seen a house for first time this year.

1932.

June 13-15. Lower Creek. Cool, cloudy most of time. Found nest of  
 Purplet backed Thrush in redwood back of cottage. <sup>(last year's)</sup> Carrying food.  
 Grosbeak, C. sided Flycatcher, Thrush, juncos, W. Flycatcher, Wood Pewee,  
 Yellow and Black thro Gray Warbler. Cassin Vireos singing most fre-  
 quently. At Anthony place grosbeaks calling the whee-so  
 constantly. Strange bird heard twice. <sup>(Spotted Towhee)</sup> Large as robin, very  
 dark colored. In Big Basin Coast cyp were carrying food  
 to young. Did not hear Hermit Thrush near Father of Forest.  
 Azaleas in full bloom. Light rain in Berkeley June 14.

June 16. small flock of Bush-tits in oaks. Mothers still flying;  
 new leaves appearing on oaks.

June 17. In morning at T. W. ... no ... and heard  
 ... of ... up the road  
 ... several  
 ... at  
 ... they  
 ...

June 17. Tea for Mrs. ... of her experiences in South America.  
 Mr. Sumner investigated the Titmouse box but found no nest. Warm  
 June 22. Nest of W. Flycatcher under the porch has been built at last.  
 ... from east. Hot.

June 23. W. Flycatcher still singing. Mothers still flying. New leaves have  
 come out on most of the trees that were defoliated by first  
 invasion of worms. Hot.

June 24. Lower Creek. Hot. Tanagers heard several times

June 25. Chorus at dawn; - Grosbeak, R. b. Thrush, C. sided Flycatcher, W. Flycatcher,  
 Wood Pewee, Cassin & Warbling Vireo, Yellow Warbler, Br. sp. Towhee, C. ...  
 ... about 7:30 a.m. Tanagers during day.

June 26. Heard Tanagers once. Cool.

June 27. Berkeley via Shipway St. to Smithsonian Inst.

June 28. Warmer. Moths diminishing.

June 30. Had the bees sprayed as we feared they might meet with a second generation of worms. Foggy night and morning - watched a titmouse eating moths.

July 1. Went to Boulder Creek to meet Whitmans. Fannie taken sick.  
Very warm.

July 5. Very warm. James returned to Berkeley with Whitmans - same side

Nov. 8. James brought Mrs. Ferguson to Fairview.

July 9. Went over to T. and my wife's house to see with me.

*From my wife*

May 10 - 18. Saw 1. ~~Many~~<sup>several</sup> Towhees, mostly young birds  
on bread crumbs. Brown Towhees carried food to young  
across R.R. Song Sparrows also come for food. Seldom hear  
an alarm note of any kind. Family of less quail, yg. half grown.  
July 14 Drove to Berkeley, got cases and returned 1 p.m. to 9:15 p.m.

Warum.

July 21. Drove to Berkeley. James stayed with Anne.

July 22. Returned to Beaver Creek.

July 23. Down with Annie's influenza again.

July 26. Jamie diagnosed abscess in ear. Helen and Alice came. Flock of twenty quail - 120 families?

July 27. I was returned to Berkeley. When alone I sing to me &  
Daria Brown, each day to doctor July 28-30. Thence <sup>and since</sup> stopped singing.

Aug. 1. Arrived last week. Returned to Berkeley for treatments

Aug 3 - 7. Saw Shrike in field near Ellis place.

Found dead W. Flycatcher on E. Birch in Berkeley.

Found dead W. Flycatcher on 1st floor in Berkeley.  
Aug 7-9. Boulder Peak. Young Brown Towhees come with parents for  
crumbs. A few yellow warblers. Scaled winged warblers. families of  
Grosbeaks. Bluebirds. juncos. <sup>gold finches</sup> Larks. Purple finches. Creepers.  
Flocks of brush tits, chickadees. linnetts.

1932

Aug. 7. Returned to Berkeley via Dumbarton Bridge. High tide. At west end of bridge only bird seen was one Cliff Swallow. In salt pools at east end were thousands of Phalaropes in winter plumage and a few Western Sandpipers. A few of the Sandpipers were feeding on the highway together with immatures and female Brewer Blackbirds (a few ad. males). Only two or three gulls were seen (Calif.?) and on the east salt pool a pair of Forster Terns. Swallows were quite numerous too - mostly Cliff. In the distance one bird on the main bay looked like a Western Gull. The wind made the water choppy and on the salt pools the foam was blown up into the air and across the highway. Heavy fog on the Stryker Blvd. from Knip's Mt. north. Windy in the valley; warm in Oakland and Berkeley.

Aug. 12. Drove to Cliff House and Golden Gate Park. At Cliff House tide was fairly low. On the Seal Rocks there were about 150 Brown Pelicans perched; also some Cormorants, very few gulls. On the shore and the nearer rocks were two Surf Birds, 8-15 Black Turnstones; one Willet and one Ruddy Turnstone. Hairs was all singing in Berkeley.

Aug. 21. Boulder Creek. Cassin's Vireo was singing for a long time in the early morning. The call used by young was also heard. Heard also P. ... .., ... .., Bush-tits, Kingfisher, Towhees. Wilson's ... .. and jays. Drove home via Stryker Blvd. Clear ... ..

Aug. 10. ... ..  
Pl. ... ..  
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1932.

The Horned Larks were feeding <sup>on the hill</sup> where the grass had been burned and allowed very close approach. When they flew they alighted in the same area a little farther from us. The Savannah Sparrows spent their time on the slope of the hill where grass had not

Sept. 20.  
A. L. L. L. L.  
In age - some  
for water.

them burned and where scattering *Baccharis* bushes grow they frequently alighted on the tops of the bushes.

Sept. 22. A bulldog called many times as I flew over the canyon about 10 a. m. Pine Siskins heard. Thrasher full song continuously; occasionally imitates song of Titmouse, call of House Wren, song of one of Mrs. Strong's many birds which reminds me of the European Blackbird. Robins came into canyon in evening.

Sept. 24. At the same place as the tide was just  
beginning to turn fifty or more Bl. Blue Herons  
were found up where the water was a few inches  
deep on the east side of the main body of water. Many  
lots of Sandpeeps flew up from the roadway, there were  
on the rocks. A few phalaropes & pintail ducks were seen.

Sept. 25. Drove home by the shore trail from Santa Cruz to San  
Luis Obispo. Arrived at San Luis Obispo. The afternoon sky was  
clear and blue. The night was very little fog anywhere; a little  
fog in the morning north of Pismo Pt. In the shore a few crows and  
a few small birds of sand.

Smith reports a Fox Sparrow near head of Strawberry Canyon -  
 - *Pipilo maculatus* just hatched - eat snapflowers, hemp and melon seeds.

Sept. 28. Went to San Mateo Bridge at low tide at 1 p.m.

A small island just north of the east end of the bridge was the rendezvous of numerous Black-bellied Plover and Western Sandpeppers waiting for the water to recede. At the point of the island a Black Turnstone stood in the edge of the water. As soon as the water began to recede all the birds seemed intent on bathing in the little puddles beneath of the bridge a long line of land was rapidly formed on the water edge by flocks of Willets which came flying in from the south. On a sand spit east of the west end of the bridge Godwits were engaged as though that it looked like a rocky reef until the birds flew. Sandpeppers were very abundant swimming to prefer the north side while Willets and Godwits kept to the south. A few <sup>little</sup> ~~large~~ ~~water~~ ~~birds~~ were the most common on both sides of the bridge. The Sand Plover Yellowlegs were common. The number of birds smaller than Black-bellied Plover, larger than Sandpeppers, with short bills (1 in +), gray except for white in the tail may have been three. One bird with long legs like a Yellowlegs but much shorter bill and a very large black eye, a white line above the eye, dusky streaked on back, white rump and perhaps tail white, belly white. Chest buffy I could not identify. It was larger than a P. Plover, smaller than the Sandpeppers. 6 Black Turnstones were seen, two Western Grebes, 10 Teal (of ?). The phalarope

of the Black-bellied Plover (whoo-ee) and the wood-pecker  
the call of the Godwit; the thin, high pitched call of  
several notes belonged to the Black Turnstones -

Sept. 30. Several Fox Sparrows were scratching under  
the bushes east of house when I got up. At 7:55 a.m.  
at the S.F. Station in West Berkeley a flock of Gambel  
Sparrows were singing.

Oct. 1, 2. Gambel's Sparrows were heard at various  
outcrops in the Santa Clara Valley.

Oct. 4. Huntington states. Light fog, no wind. Birds very abundant.  
Horned Larks still feeding in the burned grass; Savannah Sparrow  
also. Meadowlarks very numerous and singing freely.  
Large flocks of sparrows including Nuttall, Gambel,  
Golden-crown. Other birds also heard: quail, Cal Jay, Flicker,  
House Wren, Wren-tit, Red-tailed Hawk, Song Sparrow, Goldfinch  
quite common.

Oct. 5. Blue Jay wings frequently, alternating whistled  
song notes. Black-bellied Plover also heard frequently.

I hear the call notes of Audubon Warblers as I drive through  
the streets.

Oct. 6. Audubon Warblers in the canyon.

Oct. 7. A Golden-cr. Sp. came to pool. House Wren heard.

Oct. 10. Faculty Group went to Pt. Fremming. <sup>11:15 a.m.</sup> Summer day with  
very light breeze from west. A Clapper Rail came out from tules  
and we sat on a pole beyond the bridge perhaps fifteen or twenty feet  
from him. He barked in the shallow water and paraded back and  
forth. Two Black-bellied Plover stayed on the shore - very quiet, no calls.  
Found 10000 more in a puddle in the marsh as we started home.

As the tide flowed out small flocks of *Tringa* and *Sandpipers* (mostly *Sandpipers* and *Sandpipers*) increased to 1000+ before we started home (2 p.m.).

came in from over the marsh flying quite high and making  
a small group of *Chrysomitris* birds stayed for a few minutes  
singing to the water side. Some *Chrysomitris* and *Chrysomitris*  
birds most of them in various plumage, some in  
dark plumage. Some of the birds had been in the  
marsh since they were young. A few birds were seen to  
be at the water side.

[illegible]

At dawn I heard several Hermit Thrushes calling. They gave out the chick-chuck call and the more plaintive high pitched call. The fact that there were also robins calling and that they seemed to scatter after a few minutes suggested the supposition that it was a group of migrants just starting after a night of rest. When it got up at 6:30 a.m. the birds were at the point.

Oct. 11. City Club group out before 8:00 AM. morning rain. Low  
barometer. Warm. no wind. At 8:00 AM. birds were  
reduced to about 30 in one flock no juveniles. 8:00 AM. about 100 in  
flocks; a few small flocks of 2-3 birds. 10:00 AM. about 100 in  
flocks. Several flocks of birds flew south. Birds were still high.  
In early morning south of the coast and 10:00 AM. about 100 in flocks.

were more abundant and many flocks were seen in bright sunlight. At the east end of the Dam Bridge a large raft of White Pelicans were on the water <sup>at the pool</sup> and a dozen or more American Egrets stood high like herons. Bl. Blue Herons were numerous on the north side of the bridge and three or four double were seen, probably pintails. Near Devils a Cooper Hawk flew over a hedge, fell the roadway, then off over a field.

Oct. 19. Back to the lake and the Dam Bridge - no pelicans or egrets to be seen - but high - many sandpipers and flocks in the mud flats. Bl. W. Herons and double in distance. At Lake Fork at 11 a.m. a small flock of Bl. W. Herons and a small flock of double were flying over the lake. Sunset at night.

Oct. 20. Back to the lake and the Dam Bridge. Varied Sparrows near

the lake. A few were seen in the air. I did not kill some.

Oct. 21. Back to the lake and the Dam Bridge. I did not kill some.

Oct. 22. Back to the lake and the Dam Bridge. I did not kill some.

Oct. 23. Back to the lake and the Dam Bridge. I did not kill some.

Oct. 24. Back to the lake and the Dam Bridge. I did not kill some.

Oct. 25. Back to the lake and the Dam Bridge. I did not kill some.

Nov. 1. Heard several Varied Thrushes yesterday and today in the early morning. Very few birds seen during a walk up Shoshone Canyon. Very dry.

Nov. 2. Light rain.

Nov. 6. Rain in morning.



1932

Partial moon and as we move out. Calif. jays ab. Calif. Woodpeckers  
 also. Flickers ab. Hood Murrelets Woodpeckers. Saw Black Phoebe,  
 American Cuckoo, Bush Wren, Titmouse, Vigors Wren, Thrasher,  
 Hood Murrelet, etc. etc. Saw also, Chats, Audubon Warblers (ab.).  
 Kinglets (P-C), Lesser Blackbirds, Meadowlarks (heard), 1 P. pit,  
 G.C. and Gambel's quail (ab). Song Sparrow (heard), Spotted Towhee,  
 Little Fox Sparrow, Horned Lark.

Nov. 16. Cold. Ice. Trip went to Lake Merritt. Ducks less numerous  
 than in past years. Many in middle of lake did not  
 come in to feed. Mallards, Pintails, Buffleheads, Ruddy's, Bluebills  
 Cinnamon Teal, a few Golden eyes (25 quail, one teal, diving  
 continuously). Geese: Canada, <sup>(10+)</sup> Hutchins and Cackling (1),  
 White-fronted, <sup>(15+)</sup> Snow and Ross (1). Grebes: Eared and  
 Pied-billed. Gulls: Herring-gull (imm.), Herring (1 ad)  
 Calif (imm.), Ring-billed (1), Cinnamon (1). Beautiful  
 weather clearing clouds in afternoon.

Nov. 17. Hot. East wind.

Nov. 18 - Frost. Day was very warm, so we -

Nov. 19, 20. Warm. - 19. 20. Day was very warm. Went to  
 University. Day was very warm. Six  
 quail in lake (Pied-billed). Ruddy's in within  
 lake. Went to Berkeley for lunch. Then went to Museum.

Nov. 21. Day was very warm. Went to Museum. Found weather  
 had been good in morning. Went to garden,  
 and found it was very warm. The day was very warm.

Nov. 22. Day was very warm. Went to Museum. Found weather  
 had been good in morning. Went to garden,  
 and found it was very warm. The day was very warm.



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1932

Dec. 8. Turned cold with north west wind. High brought  
clouds. At 3 p.m. began to snow and snowed most  
of the night.

Dec. 9. Day cold, snow on hills and on our east  
ground all day.

Dec. 10. Bird banding and north wind. Cold all day.

Dec. 11. Warm day, a fine fog. The fog and many plants  
were killed. Wad. Assoc. (20) came to watch birds which  
came regularly for food. Paul from. Temp. at 18°.

Dec. 12-15. Cool and foggy. Cold and snow down  
all day. Day.

Dec. 16. Morning in snow.

Dec. 16. Snow on hills and <sup>and back,</sup> from Fenton to  
and back. - 100 ft. at base O.K.  
see in the snow. Temp. at 14° at Ben's Garage.  
N.Y.

Dec. 17. P. in. Winter.

Dec. 19. P. in. Winter.

Dec. 20. Tale of gold morning.

Dec. 24, 25. Clear crisp.

Dec. 26. No. 8. The snow is melted and the morning frost. (The bird  
is in the snow.)

Dec. 27. The snow is melted and the morning frost. (The bird  
is in the snow.)

Dec. 28. The snow is melted and the morning frost. (The bird  
is in the snow.)

Dec. 29. The snow is melted and the morning frost. (The bird  
is in the snow.)

Dec. 30. The snow is melted and the morning frost. (The bird  
is in the snow.)

1933

Jan. 1. Boulder Creek Heavy frost; no snow. To  
work at 11 a.m. Took lunch from 11:30 - 2:30.  
Clear, warm sun. Many birds in  
the woods, especially the song sparrows, and  
crowns and juncos, Redwings, Song Sparrows.  
Cats. Two song sparrows were seen  
on the top of the long pine tree and  
female song sparrows were seen in the  
oak in the field.

Jan. 2. To work at 11 a.m. Took lunch from  
11:30 - 2:30. Clear, warm sun. Many birds in  
the woods, especially the song sparrows, and  
crowns and juncos, Redwings, Song Sparrows.  
Large flock of Redwings near  
house. Took home in afternoon. Evening is  
cloudy.

Jan 3. Rain - light and heavy. Took lunch from 11:30 - 2:30.

Jan 4. To work at 11 a.m. Took lunch from 11:30 - 2:30.

of the song sparrows.

and the Redwings.

and the song sparrows. Took lunch from 11:30 - 2:30.

and the song sparrows. Took lunch from 11:30 - 2:30.

and the song sparrows. Took lunch from 11:30 - 2:30.

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and the song sparrows. Took lunch from 11:30 - 2:30.



- Jan. 10. 15. (Continued) all day - rain -  
 mostly, heavy frost in morning. Snow on Mt. Diablo.
- Jan. 11. Rain at night. Then (around 4:00) a  
 flock of 100+ Mt. Bluebirds about. These birds east  
 of Irvington - a few others about the same.
- Jan. 12. 28. Rain most of the time; usually  
 heavy frosts at night.
- Jan. 28. Dr. Crumell brought his class to watch  
 birds through the window - 66 in class, came in  
 three sections. Old Blue Jay had lost its right  
 tarsus; one quail was lame. Birds came contin-  
 uously from 8:15 a.m. to 12. Raining much of the time.
- Jan. 29. Clear most of day - the warm sunshine  
 in middle of the day. Snow on Mt. Diablo. Snow higher  
 than the Sierra.
- Feb. 1. Clear. Snow on Mt. Diablo.
- Feb. 5. Clear. Snow on Mt. Diablo. Cold at night.
- Feb. 6. Very heavy frost in morning. Shouldered ground  
 frozen about an inch below surface. By 10 a.m. it  
 was warm in the sunshine and we ate lunch  
 on the porch at the sunny end. A water angel  
 perched on a boulder in the river below the collage  
 was singing when we returned from a walk. So long  
 as I was out of sight it perched quietly, but when  
 approached it rose nearly to top of its long  
 neck and finally flew with a rather call. Then  
 flew over the dam all the way across and I thought  
 washed out. Drove home after lunch (5:00). Then I was back  
 Golden-cr. Sp. Wren-tit.  
 Phoebe, Kinglet, Red-wings, White-thr. Chickadee, Cuckoo, (singing) Song Sp. Thrush

Feb. 6. Warm - at night and quite spring like during day. Worked in garden. Titmouse, Hutton Vireo, Thrasher, Song Sparrow, House Tit and Jays were singing. Some of the smaller birds come to the coconut shell to feed. I hung the shell from a string below the feeding table, filled it with seed and provided a perch, hoping the smaller birds would use it but the jays and jay would

not touch it. Feb. 7. Cold again. Did some planting in the garden.

Feb. 8. The old female was seen bathing in the pool.

Feb. 10. A cold east wind. Feb. 11. Rain. Feb. 12. Rain. Feb. 13. Clear. Warm.

Feb. 14. Planted shrubs at bottom of garden.

Feb. 15. Lady Birds went to Canada. Spent most of time watching four Mergansers. One with red bill, clear white throat, larger was a female American Merganser; the other three, smaller, gray or brown crest were female Hooded, we decided. At San Pablo Reservoir there were two large flocks of Canada Geese on the grassy slope next to the water. At Canada a flock of 30+ Blue Bills was quite wild and took to flight soon after we arrived.

Feb. 16. Morning.

Feb. 17. Warm. Clear. Organized Bird Box course at City Club.

Feb. 18. Went to Boulder Creek. Bought new typewriter & a typewriter.

19. Birds just on their ground. Warm by 10 a.m. Hutton Vireo, Jays, Hummingbird. Bought a pair of bluebirds at the fair.

Feb. 20. <sup>Boulder</sup> Planted rhododendrons etc. Purple Finch singing.

Feb. 21. Warm. Clear. Windy.

Feb. 22. Warm.

Feb. 24. Bird Cove. Very clear, with wind NW. Weather fine. Birds  
above. Many birds very close about road to entrance. Among them:  
Townsend Solitaires, Double-crested Cormorants, Red-tailed  
Loons, Black-birds, White-throats, Kinglets, Yellow-rumped  
Loons (singing), Purple Finch (singing), Sharp-shinned Hawk,  
Golden-crowned Kinglet, House Wren, Fox Sparrow, and  
V. sp. sp. (Cute 1 y, Chest 1 y, Black-bird 1 y, House Wren 1 y)  
Spotted Towhee. 24 sp.

Feb. 28. Boulder Creek. Much warmer. No frost. Many flocks of  
pine finches - are feeding on seeds on the ground. Also  
Hutton Vireo, Song Sparrow, etc.

Feb. 29. "The white-bellied bird" to collect seeds in the garden. (The "Earth Worms")

Feb. 20. (Bird Cove side) went to Red-bay Cemetery. Saw large  
flocks of Pine finches in *Quercus* trees, and also some  
and also one flock in *Quercus* more groups. Saw a  
few single ones on the ground. Several song and whistled  
notes. Went with fog early. Later when fog cleared  
and song sparrows were singing on ground and in grass  
perched and sang frequently to each other. (Saw also about  
10 birds, and about 10 more) and also some (singing).  
Song sparrows, and also some (singing).

At home in late afternoon a group were singing its varied  
goldfinch-like song, perched in a tall holly bush within  
few feet of where I was sitting.

Mar. 1. I watched ducks at Lake Merritt for ~~half~~ an hour in the afternoon, 3:15 to 4:15. Many of the diving ducks were asleep at first from the darkness but began to notice flapping as the light approached. First one, then another would flap its wings vigorously, part of the time in the water, then rising as high as possible and flapping vigorously. Later near the fresh-water feeding place, there was much vigorous pulling and pushing. Mallards were mating. Copulation took place with the female almost under water. Males were quacking — a very subdued noise as contrasted with the quack of the female. Did not see the European Widgeon. The Snow Goose was small and had no black on the edge of the mandible. Its note was very different from the larger. Snow Geese. All the ducks and geese seemed excitable and made much more noise than on other dates when I have been there. Eared Grebes were numerous. Saw no Golden Eyes, Ruffle Heads, Sparrowbills or Teal but did not have my binoculars so could not see the birds at a distance.

Mar. 3. Clouds. Arrived at 5:40 p.m. Water Angel was singing a little up stream from the collage. continued for ten minutes. Frost at night.

Mar. 4. Large flocks of Pine Siskins. Two Chickadees were feeding and calling near the box we put up last summer. I did not see whether they entered it. Kingfishers were heard frequently down stream. A Sharp-shinned Hawk dashed into a bush; a Brown Towhee gave its alarm note as it flew out. Saw no quail or rabbits on the place. Much snow at night. A inch of frost east of house.



March 5. Near Congress Springs. I heard the call of a Western Flycatcher. Almonds beginning to blossom. Almonds in full bloom. March 6. ...

March 7. Tomorrow. The first series in the morning a Titmouse came to the table and took a sunflower seed. After eating it he began to give the loud "seet" note which he repeated over and over. He then took another seed and called several times, then being quiet. I went back and found him still at the table. Within two minutes he came back with another Titmouse. The calling ceased and the two birds sat side by side at the table.

March 8. Condensation vapors are heard frequently near the house now that the sun is higher and weather warmer.

March 10. Late March. (The spring is). Many thousands of Mallard <sup>a.m.</sup> and along for p.m. I visited the Calif. Wildlife and Rang. Bldg. and saw many birds on Lake Mendocino. A lot of birds were followed by gulls in the middle of lake. Birds all were simultaneously. Two pairs of mallards flew out of the water and came down often to bottom of lake and brought up seeds. Would not admit that they would have brought one out across lake and forth across the end of the lake to a certain spot in the lake water. The gulls around the northern and western ends of the lake have been seen in preparing for winter. On the lake at the south side of the lake. There were many birds and Lake Wrens. Found also Chickadees. Very many birds.

Allen Hummers, Bush-tits, Vigors Wren, Audubon Warblers,  
 Brewer Blackbirds, Spotted Towhees, Nuttall and Song and Fox  
 Sparrows, <sup>Junco</sup> and Pine Siskins. In the court at the Legion of Honor

Fox Sparrow was nesting in the water he could shake from  
 the grass. There was a shower last night. (At the Cliff House  
 rocks there were many Western Gulls and Cormorants. We  
 watched the cormorants bring in fish. A Black Turnstone  
 was seen in the distance (high tide). At Sloat Lake Ruddy  
 Ducks were in full plumage, a few Bluebills and  
 Pintails and Mallards and near by Canada Geese.

Surf Scoters were near the pier in the afternoon. 30 species  
 of birds were seen in the distance. A Thrasher  
 was seen to sing across from the flower house on Hessewood Rd.  
 Cedar Waxwings at Meigs Park.

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Apr. 25. Cloudy. Family Section in Strawberry Canyon.

Bush-tits building a nest in low branch of cypress at junction of  
 Stadium nine road and road to dairy.

Anna Hummer (female) carried nesting material to oak  
 tree next to house for poultry division director.

Allen Hummer (female) carried nesting material near  
 same place. Male doing pendulum.

I. c. Sparrow, Fox Sparrows and Brown Towhees feeding on ground  
 in dairy yard. Hermit Thrush on fence & in grass.

Lutescent Warbler abundant all way up canyon, spaced for nesting.  
 Aud. Warblers in Eucalyptus and alders. Pine Siskins in alders.

Cal. Jays everywhere, Coast Jays above bridge.

Flickers ab. <sup>spring calls.</sup> ~~song~~. Wren-tits occasional, a few Song.

Mar. 13. Contin.

Junco singing: more abundant, one at least in the front of the house.

Spotted Towhee, Song Sparrow, Vigors Wren, Titmouse, Flicker,

Blue-winged Teal.

Mar. 14. Contin.

Mar. 15. Contin.

Mar. 16. Contin.

Mar. 17. Contin.

Mar. 18. Contin.

Mar. 19. Contin.

Mar. 20. Contin.

Mar. 21. Contin.

Mar. 22. Contin.

Mar. 23. Contin.

Mar. 24. Contin.

Mar. 25. Contin.

Mar. 26. Contin.

Mar. 27. Contin.

Mar. 28. Contin.

Mar. 29. Contin.

Mar. 30. Contin.

Mar. 31. Contin.

Mar. 32. Contin.

Mar. 33. Contin.

Mar. 34. Contin.

Mar. 35. Contin.

Mar. 36. Contin.

Mar. 37. Contin.

Mrs. Plummer  
reported Black-  
throated Gray  
Warbler at her  
house on Condon  
Corte Rd. Mar 23.

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March 29. Heavy rain - warm. Heard call note of  
Pileolated Warbler. G.C. Sparrows are moultting head feathers.

March 29. Fox Sparrow sang solo voice. Purple Finch  
sings frequently.

March 29. A number of warblers were feeding in the  
red trees (Indebous, Lutescent, Pileolated and  
Turnstone? song heard). G.C. Sparrow singing.  
Gulls rose in a spiral over the hills then flew eastward.

March 30. Drove to Boulder Creek. Heard Western  
Flycatcher distinctly in Ferndale, back of Oakland

No mallards. Many Cinnets and Green backed  
Goldfinches in orchards in Santa Clara Valley.  
Pileolated Warblers at Boulder Creek. No plovers yet.

March 31. Drove from Boulder Creek to Carmel and  
then over the new highway as far as Rainbow  
Bridge on the way to the Big Sur. At Moss Landing  
large flocks of mallards  
were many. Coots and some ducks - especially  
Ruddies, a few Mallards - a few shore birds. Did  
not stop to identify. At the Rainbow Bridge a  
pair of white throated Swifts were roosting above. A  
Sparrow Hawk hung poised in the air for a long time  
though the wind was blowing a gale. As it rose  
after a drop it was blown backward by the wind  
but came to rest in the same place again. This happened  
several times while I was watching. The feet were  
dropped frequently, there was no beating of the wings only  
muscular movements of adjustment to the wind.  
On the return trip we took a road that went from  
Watsonville to Rob Roy and stopped for awhile near

Flowers - Castilleja, low clematis (like  
Daphne), artemisia, poplar, etc.  
Lupine (white).

a cottonwood swamp surrounded by willows. There were  
 everywhere, many singing. A flock of about 1000  
 by the road side, a thrasher called across the river, phalaropes  
 and buntings in the tall grass, W. Flycatcher and the blue-backed  
 Gnatcatcher in the willows; phalaropes, phalaropes  
 and phalaropes all singing - heard one Whistling  
Voiced several times but heard no sound from it. A few  
 throat-green Swifts were seen above. - House Wren April 1.  
 A beautiful warm day at Round Bay. Worked in  
 the garden all the morning, planting daisies. It was  
 perfect, and the day was very warm in afternoon. There  
 were in full bloom - Apple Blossoms, Roses, Cherry  
Blossoms, Red Apple Blossoms in full bloom. Cherry just  
 beginning to bloom. Cypripedium singing. House Wren,  
Chickadees, Titmice and Robins. Purple Finch  
 April 2. The warmest day we have had this spring.  
 Heard the W. Flycatcher below the house and the  
 House Wren across the canyon. Another flock  
 of gulls rose calling loudly then flew northward.  
 Looked like Glaucous wings.

April 3. Went to Round Lake. Cool day along the shore.  
 Western Grebes were giving their mating calls. House Wren  
 in flocks, a few Pied-bills, Mallards and ducks were numerous,  
 all males. House Wren and W. Flycatcher and Isolated Warbler as well as hundreds  
 of Allen Hummers. Gardens Warblers and Cedar  
Waxwings. Pink Birds, Willow Birds, House  
Finches and buntings song hummers, House Wren

Bush-tits, Chickadees heard), Nuttall Sparrows. We ate lunch at the bottom of the bluff near the tules. Western yellowthroats came very near and Tule Wrens were singing on all sides. A Sora Rail walked out immediately in front of us soon after we heard its loud call. Rails were everywhere. No swallows were seen. At Silver Lake large numbers of Glaucous-winged gulls but only one in full plumage. Ruddy Ducks were in full plumage. A few Bluebills, Pintails and one Canvas-back, many Mallards, two Cackling Geese. (In the bay were Western Gulls and Surf Scoters. Very few gulls. No Caspian Terns seen. At the Japanese Tea Garden flowering trees were at the end.

April 5.6. Cloudy, cool. Apr. 5. Watched a pair of quail that had separated from the flock and seemed to be looking for a nesting site. The female stood perfectly still in a spot at the top of the fence-work wall for twenty minutes while the male perched a few feet away. Then the female disappeared in the exaltis for a few minutes, returning to the same spot where she spent another 10 minutes.

Apr. 6. Foggy in early morning, then clear, cool. Spent morning at Clark in Cordovices. Birds very abundant. W.V. Golden-crowned Sparrows. Fox Sparrow, Audubon Warbler, Hermit Thrush, Cooper Hawk. S.V. Pileolated and Lutescent Warbler, Warbling Vireo, Flycatcher, Allen Hummer. Mig. W. Tanager, female. Per. Res. Flicker, Bush-tit, Wren-tit, Y. b. Goldfinch, Purple Finch, Linnet, Pine Siskin, Brown & Spotted Towhee, Song Sparrow, Titmouse, T. Wren, Anna Hummer 2.5 sp.

Apr. 7. Took Mr. & Mrs. Reed to Boulder Creek. Weather with light north wind that we crossed to San Francisco and drove down the Skyline Blvd along previous route. It was

Apr 9. Very clear after cold night. Went to Black Island breakfast  
first time this spring. Not many birds about the house yet.  
Took picnic lunch and drove along the coast from Santa  
Cruz to San Francisco - the first time we have done  
this as the fog has always blown in so we have turned  
inland at San Diego. The road from Monterey to Eureka  
went over a high mountain by a twisting road barely  
wide enough for two cars. Beautiful views everywhere.  
Monterey pines grow for some distance below Pointa  
Uno Nuevo - very beautiful large trees. Trees grow  
fast in long lines. A few Conocarpus bushes were  
near the coast and at the Pointa Uno Nuevo. No shore birds  
were seen. Several flocks of Sandwich Sparrows seen  
along the shore road. Very clear. Warmer than yesterday.  
Glaucous-winged gulls were following a tractor in one ranch.

Apr. 10. Heard Black-headed Grosbeak near house (Berkeley)

Apr. 2. <sup>Red-eyed Vireo</sup> ~~Female~~ <sup>Warbler</sup> was singing at end of Massacred Rd.

A flock of Townsend's Warblers went through the oaks, singing. Hermit Thrush was calling excitedly about 6 a.m. At 4:50 a.m. a spotted Towhee began singing, at 5:00 a Song Sparrow, at 5:05 a Vigors Wren.

Apr. 13. Fox Sparrow has been singing the last few days. Golden-cr. sp., numerous, mostly with black & yellow crowns. A few juncos still, have been very numerous. Heard a Grosbeak down town. Fair W. again - it's w. east wind.



April 16. Pleasant bunch I saw in Berkeley. Mrs. Levens reported many Gambel  
 Quail also seen near some oak groves.  
 April 17. Fine to cloudy day. Much. Cool. Fruit blossoms about gone.  
 Mockingbird  
 Singing in the mountains. White Condors on mountains. at Centerville

April 18. Breeze at 5:15. Fine to cloudy. Singing (singing)  
 Mockingbird. H. Finch, Purple Finch, Lin. Grosbeak. Later  
 Mockingbird was heard. No real chorus & continuous  
 song. Shower near Santa Clara on way home p. m.

April 19. Berkeley. Cold with occasional showers. Lutescent  
 Gambel sang continuously at dawn. A pair was near the  
 pool most of the time on April 14 when I was working in  
 the garden. Gambel Thrush was calling at dawn and  
 in the afternoon two Fox Sparrows were seen from the east  
 window. A pair of juncos came to the table several times,  
 one feeding from the popper and one from the Cocoa nut

A member of the Women's Faculty Club told me of a Blue  
 Jay's nest (Cal. Jay) in the Eugenia tree at the front door. From  
 her window she can look into the nest which contains 4 eggs.  
 She says that at 5 p. m. each day the male comes and perches  
 near the nest, watches for a few minutes. Then the female  
 flies off, he follows her. After a few minutes she  
 returns to the nest. She has watched the male feed the  
 female with the nest.

April 18. Bird in Cordova Park. Clear, cool, N.W. breeze. Warbling  
 Vireos were numerous and in full song; Purple Finches in a group  
 of 7 feeding on alfalfa seeds; Bohemian Wrenbler singing for fifteen  
 minutes, did not see him well; Pileolated Warblers were building a  
 nest on the bank above the stream; Linnets, Bush-tits, Cal Jay, Brown  
 and Spotted Towhees and Wren-tits; one Western Flycatcher near the bridge.  
 Below the Linforts a flock of Golden-crowned Sparrows with



a few Gambels came up one by one from the stream and crossed the path into the shrubbery above Golden  
 crowns in full plumage. A Hermit Thrush was scolding  
 a cat on the other bank. One Allen Hummingbird was  
 doing the pendulum. A Grosbeak sang while flying.  
 As we returned an Anna Hummer was the pendulum  
 dropping just above a perched female.

P. n. s. t. r. a. c. i. s. A few Hairy Woodpeckers in winter  
 plumage. several Westerns in full plumage and many  
 Purple Martins followed the suit. There was that old  
 willow tree full of mostly just one over winter, very late.  
 April 11. Cook Golden-crowned Sparrows were heard on  
 the table. A Hermit Thrush came through the garden  
 in the late afternoon. As I sat on the porch (2:30 p.m.)  
 watching a gopher opening a hole and eating a fox  
 glove plant a pair of quail came along the bank. A  
 second male was driven away as they approached  
 the gopher they stood still and peered into the hole, then  
 began the quail quail quail note. Three pairs of quail  
 came by one of the males was the very same one.  
 Mrs. Lewis reported the Gambel Sparrows gone from her  
 garden which was full 2-3 days ago. Then times I heard  
 a round note which reminded me of the note made by  
 the Collared Hummer at the bottom of the tree in the  
 pendulum song. Heard a yellow Warbler three  
 times as I drove past the house on Alston.

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Heard the note of the Calliope Hummer more distinctly.  
 April 20. Chilly fog most of day. University sprayed the trees  
 near our place. In late afternoon a flock of Golden-  
 crowned Sparrows came to bathe many singing. With  
 him was one (possibly two) Gambel Sparrows and one  
 Fox Sparrow. There was quite a little fighting directed  
 mainly against the Gambel Sparrow which was  
 driven away from the pool many times. All in  
 full plumage except one Golden-crown. Hermit  
 Thrush was in the garden today and robins eating  
 earth worms. Mrs. Kimball reported Hermit-banded Thrush.  
 April 21. Cool with morning fog. Went to San Mateo Bridge  
 for shore birds. Stopped in a canyon in the mining region  
 north of San Mateo where I certainly heard a Chickadee.  
 At the bridge there were many thousand birds: Godwits  
 and Black-bellied Plover <sup>most in full plumage</sup> most abundant, Sandpipers (Western  
 and Red-backed in full plumage, many Avocets, some Knots seen  
 very distinctly, many Hudsonian Curlew and some Willets,  
 a few W. Blue Herons. As we stopped before reaching the bridge  
 two Lesser Rails were seen in the slough. While crossing  
 the bridge Bonaparte Gulls and Caspian Terns were seen and at  
 the west end 2nd Fork Terns. There were many Cliff Swallows  
 on the salt ponds as we drove south toward Drumbarton  
 Bridge and on the roadway were innumerable pipits in  
 addition to a few flocks of sandpipers. Tared Grebes (two small  
 flocks) were just changing into summer plumage. Very few  
 gulls except Bonapartes which were very numerous.  
 I heard several yellow Warblers as we drove along the Oakland  
 Highway.

Apr. 24. Wed  
on Apr. 21  
m. 22.

Berkeley

Apr. 16. Carsonville Park. Sunny cool. Many birds and  
most of them singing. Many pairs of juncos, one  
fight between two males apparently a boundary of  
territory. Many pairs of Warbling Vireos. Nest of  
Pileolated Warbler (see Apr. 8) was finished and contained  
two eggs. Anna & Allen Hummers were seen and the  
pendulum note of the Calliope was heard several  
times. Once the bird was seen in conflict with an  
Anna - looked very small and pale but the action  
was too rapid for exact identification. No other birds.  
A flock of Golden-crowned and 2 or 3 hummers in  
the garden came up from the stream through the Lygus  
garden the hull the now. Two great black chickadees  
were among the cats in the east ad of the pond. Heard

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Child of the P.B. Finch in our garden in the afternoon. About  
 six p.m. I visited the nest of the Calif Blue Jay (see Apr. 17)  
 near the top of a Eugenia Tree in front of the Women's  
 Family Club. The babies hatched (I was told) on April 19 - there  
 are three. When I peered at the window above and very  
 near the nest the female was brooding but restless. After  
 a few minutes the male arrived, the female stood up  
 on the edge of the nest while the male fed the young. He  
 then took the excelsior in his bill and flew away W.  
 Almost immediately the female followed. After a five  
 minute wait she returned very stealthily from the  
 behind side and below the nest and fed the young, then took  
 the excelsior and swallowed it, then settled to brood. 6:00

April 28. G.C. Sparrows singing near pool. Thrasher  
 singing comes in loud just above the house. Towhee  
 "Whicker whigg" every morning frequently. Vigors Wren  
 and Song sp. sing constantly; Ash-throated Wren also to  
 Sparrows in the distance. Flycatcher usually at a distance  
 but this morning near the old nest site under the  
 porch. Ash-throated picks up worms from the ground, allows  
 me to come within three feet. Blue jay was taking worms  
 from ~~the~~ near top of tree, also Purple Finches - Beautiful day

April 29 <sup>Apr 28</sup> <sup>night</sup> G.C. Sparrow still singing. A pair of Thrashers  
 are gathering food - <sup>Cassin's Wren singing near Ash-throated Wren</sup> for young. Doves Boulder Creek. Cool. Broken clouds

Apr. 30. Partly cloudy. Warm at Boulder Cr. in sunshine. I heard Olive-sided  
 Flycatcher & Ash-throated Flycatcher. Lunch in Big Basin - chilly.

Berkeley  
 May 1, <sup>Cloudy</sup> with showers. Song Sparrows singing near  
 the house repeatedly. Hummingbirds with whistling pendulum  
 squeaks. Rufous or Baltimore? The other singing was heard  
 in the distance. Raining quite hard by noon. While we were  
 eating lunch by the fireplace juncos called my attention  
 to a bird with a red head in trees next to the N.W. porch.  
 It was a full plumaged W. Tanager. There were several, I  
 noted but one with very little red in head. With them  
 were several Grosbeaks and one Ash-throated Flycatcher.  
 They stayed near the house for three quarters of an hour.  
 They were all eating oak worms. Both the Tanager and  
 Grosbeaks fluttered under a twig if they could not reach  
 in any other way. The Flycatcher perched on a branch  
 then darted across to a bunch of leaves six to eight  
 feet away, seized a worm as he flew, then on to  
 another perch. There were female Grosbeaks as well  
 as males. Both Grosbeaks & Tanagers sang. Trees have  
 not been sprayed yet. Heard no Golden-crowned  
 Sparrows.

May 2. Went on horses to Camp Redstone. Heard Golden-crowned  
 Sparrows at home. Spent day in Contra Costa Co. in Tye Valley  
 and at Alamo. Chilly wind, warm in some places. Birds very  
 abundant. Saw following birds: California Hawk, Sharp-shinned Hawk,

Ring-necked Pigeon

Red-winged Blackbird, Woodpecker, Calif. Jay (one), Western Flycatcher, House Wren

Black Phoebe, Cliff Swallow (100's), Plain Titmouse, W. House Wren, W. Robin, W. Bluebird,

Russet-backed Thrush, Calif. Shrike, Warbling Vireo, Pileolated & Yellow

Warbler, Bullock Oriole, Brewer Blackbird, W. Meadowlark, Redwing,

(one)

Hermit, Black-headed Grosbeak. Green-backed and Lawrence Goldfinch, Lazuli Bunting, Chipping Sparrows, Spotted and Brown Towhee, Song Sparrow.

May 3. Tanagers heard several times during the day. Brown Towhees are eating oak worms. Vigors Wren sings constantly near the house (E.). A pale hummingbird which makes no sharp buzzing sound as it flies was seen at a distance, gave the chirping pendulum note. Robins are picking up oak worms from the ground. Chilly, partly cloudy. A pair of Lazuli Buntings were flying about the house.

May 4. High fog until 11 a.m. A male and female grosbeak have been seen several times in the oaks eating oak worms. Golden-crowned Sparrows were singing between 6 a.m. and 7 a.m. They repeated several times a song of four notes — — —. Robins and Grosbeaks still present. Heard Lazuli Bunting also. Song sp. Vigors Wren, Sp. Towhee, P. L. & T. Towhee Warbler of course. A Vigors Wren went into the nesting box on the post below the house and the Western Flycatcher flew out from under the N.W. porch when I went out. At the end of Moorwood Road a pair of Pt. Pinos juncos were feeding noisy young apparently out of the nest and hidden in some bushes just below the house. Several Rufous Hummers seen.

May 5 and 6. Cooper Club Annual Meeting. Cedar Waxwings near Museum. Rain at night May 6.

May 7. Rain. Great chorus of bird song in early morning. Lazuli Buntings, Tanagers, Grosbeaks, Pileolated Warblers beside Song sp., Vigors Wren, Intersect Warbler etc. Heard Hermit Warbler I think.

Tanagers & Grosbeaks seen at noon. Rain P.M. - Saw Hermit Warblers and groups of purple finches in oak trees.

May 7. News from roughs reported young robins just ready to leave nest. One flown out. W. Flycatcher singing and other birds.

May 8. News from roughs reported 1st nest in the flycatcher - Also song of Russet backed Thrush; also 1 song. Hermit Warbler. Kinglet. Bunting. Towhee. Grosbeak and others. Later at Claremont Hotel. One-sided Flycatcher. Towhee. Group went to Tyce Creek and Wilams, starting in rain.

Cloudy all day but no rain. After we started - Birds very abundant. Found at Tyce Creek, four mole nests, two burrows in blue oak. (one last year?) one containing five eggs. Robin sitting on nest in crotch of willow tree. Flycatcher apparently building on stream bank. Burrows nests had been taken down from place where they had nested each summer for three years since we first nested in place. House Wren's nest in oak tree crack, both young in and out (feeding young?).

Many butterflies. Willow Woodpecker and hard to tell. Young blue bird with spotted nests with parents in willow.

Grosbeaks and others singing less than on May 2. Towhee at Wilams carrying food. At Wilams found a pair of Chest-backed Thrushes just under bridge at mouth of Lawrence Road. Finches feeding. Willow Woodpeckers feeding young in hole in locust tree, both parents feeding. Titmouse, interested in stump of tree cut down, did not find much interest in it. (smaller and older) wings were seen. A pair of blue birds. Woodpeckers nest and about off through grass as we went away. A little song from the stream in the lake. Robins singing. Grosbeaks singing. Two males in same tree singing. Many butterflies, a few yellow Warblers. Spots on the ground from nests? Many birds (some migrating).



May 1. Cloudy, chilly wind. There has been more snow on the Sierras.  
 As usual. Went to Mrs. Edwin Blake's with "Lucky Birds". Not many  
 birds. Hummingbirds; Anna's Hummingbird (nest doing pendulum but  
 not mounting high); Yellow and Rufous - Vigors Wren nesting in  
 cracks in wall, feeding young. several Titmice (Mrs. Blake has  
 breaded eight in last few months). Olive Warbler singing,  
 also Chickadees and Goldfinches. House Wren - one nest containing  
 young; one brood patch together on twig in Chaparral. Nest of  
 White containing young. Also Cal. Jay, W. Flycatcher, Muntz, Song  
 Sparrow & Spangled Towhee.  
 No Goldfinches or Purple Finch. Purple Finch perhaps one pair each.  
 No Chickadees or English Sparrows heard.  
 At Mrs. Lane's a quantity of Titmice, flying through the oaks.  
 At home song sparrows still about.  
 May 11. Still cloudy, chilly. As I was planting out seedlings in bed  
 under dining room window I discovered a W. Flycatcher on the  
 bough which stands upright in angle of house. Later one W. Fly-  
 catcher chased another past me with much snapping of bills.  
 Later still I found the nest that had just been built under the porch,  
 lying bottom up on the steps below. I placed it on the bough where  
 I had just seen the birds.

May 12. Last trip of the City Club Spring Series. Went to Type Creek near Saranap,  
 Alameda and Diablo Country Club. When we stopped at Type Creek we found a  
 quantity of Golden-crowned Kinglets flying about. Young were creeping about on  
 the nest branches but fed by parents also. A pair of Lawrence Goldfinches  
 were building in the main crotch of a large Valley Oak. Two  
 Blue-backed Thrushes flycatchers were in the Walnut orchard. Other  
 birds as on former trips, Orioles building in mistletoe  
 yg. Goldfinches out of nest - Linnet brooding 5 eggs. Saw Chipping Sparrow.  
 Robin still sitting. At Alameda willows mudpeckers still in nest. No chat.

Young birds  
 seen near  
 Type Creek  
 1. Type Creek







Livermore May 16, 1932.

Quail, Flicker, Nuttall Woodpecker, Anna Hummer, Meadowlark, Brewer's  
 Redwinged Blackbird, Br. Blackbird chased Ground Squirrel 50 ft. to its hole)  
 Hummingbirds, House Finch, Cliff Swallow, House Wren, (at Tyce Creek near Saratoga)  
 we found the nest of the Lawrence Goldfinch (female on it), and Calif. Jay.  
 Rusty-b. Thrush, House Wren (feeding yg. in nest), Spotted Towhee, Lutescent  
 Warbler, Robin, Titmouse, Allen Hummer, Slender-billed Nuthatch (heard), 4/5 sp.

May 17. Rain in morning. Went to Boulder Creek in afternoon.

May 18. Worked in garden at " " " Birds not abundant

Mrs. Beale  
 reported G.C.  
 (G.C. = G.C. = G.C.)

Weather has been cold. Grosbeak & B.b. Thrush principal  
 singers. Also Warbling Vireo, Yellow Warbler, Song Sparrow,  
 one White-sided Flycatcher, Wood Pewee, W. Flycatcher, Purple  
 Finch, Pine Siskin, <sup>Cassin Vireo</sup>. Heard song of Hermit Thrush from  
 hill S.W. of cottage. Black-thr. Gray Warbler heard occasionally.

May 19. Warm summer day. Returned to Berkeley in late afternoon.

May 20. Warm. Decided not to spray the trees as birds have been  
 so abundant during the rainy weather that they have cleaned  
 off the trees sufficiently to risk leaving them. The Rufous  
 Hummer was still here on May 16. Mrs. Ferguson reported no  
 show birds at San Antonio Bridge, May 20. Rain at night.

May 21. Chilly, partly cloudy. Heard Lazuli Bunting in garden.

May 22. Lunch at Diablo Country Club with "Lady Birds". Violet  
 Green Swallows, Cliff & Barn Swallows over lake. A group of 8-10  
 Rusty-backed Thrushes feeding in trees on bank of lake. Lawrence  
 Goldfinches building nest in oak tree. Many Lazuli Buntings.  
 Beautiful warm day. Chipping Sparrow & Cassin Vireo above lake.

May 24. Warm. Drove to Boulder Creek & Big Basin. Very few birds in  
 Big Basin. Creeper heard. No Hermit Thrush (5 p.m.)

May 25. Santa Cruz Big Trees - 11 a.m. Many birds including



1933.

June 10. Heard repeatedly the call of the Ash-throated Flycatcher from the direction of the swimming pool.  
Beautiful day

June 11. " " Move up to the Botanical Gardens, stopping frequently to observe birds. Found no Olive-sided or Ash-throated Flycatcher. Lazuli. Buntings were well distributed all the way: juncos and robins near home & also at the Botanical Gardens; Russet-backed Thrush frequent but not in constant song yet; House Wrens - two pairs at present, one feeding young in a nest built <sup>in hole</sup> in concrete wall under the heating pipe which runs into the glass house. Grosbeaks abundant.

Jan 13. Clear warm. "Lady birds" drove to Boulder Creek lunching  
in Wildwood Park at Sandoga. Birds very abundant there, including  
Slender-billed Nuthatch, Calif Woodpecker, Ash Throated Flycatcher, Chick  
adee etc. As usual. In late p.m. spent an hour in fellow Big Trees  
where both Hermit & Cassin's Scaled Thrush were singing. Saw Creepers.

June 14 Beautiful day. Calif. Woodpecker toward Brookdale, Black-throated Gray heard in <sup>many</sup> ~~three~~ places, one <sup>saw</sup> ~~one~~ constantly ringing in Violet-green swallows below Ben Lomond; also Titmouse -  
Went at Jay Camp. In my house stopped at Brock's aviary where we saw four birds, three in aviary and one outside. One of a flock had been about all day attracted by calls of the ones in aviary. Crows south of San Jose.

June 15. Chilly fog in morning. Teachers near pool. Mr. Brode reported 5 Cowbirds at his feeding table today - 2 males, 3 females. Also nests of W. Tanager at school. At 4:30 p.m. started on trip up Redwood Highway. Night at Union

June 16. Heard Tanager at Ukiah. Breakfast at Willets. Dyerville at noon, <sup>where I first</sup> heard Nuttall Sparrow (Pigeonius). Traveled on Bull Creek then on to Canyon Park where I found Varied Thrushes with young out of nest. On to Heymouth I am here we spent the night. Heard five or six Varied Thrushes singing there. Pigeonius in all open spaces. Mendocino Song Sparrow



Turkey Buzzards, numerous all way along. In Clear Lake a company of twenty rose from shore as we stopped the car. Probably feeding mudsuckers. Near Clear Lake one rose from highway where part of a rabbit was seen. Two other Buzzards coming down.

Bird-banded Pigeons - a flock of 20-30 at Weymouth the morning we left.

mourning Doves - abundant in Lake Co.

Song Sparrows - heard at Clear Lake Lodge.

Vaux's Swift - at Weymouth.

Allen Hummers " " ; Anna Hummers at Clear Lake Lodge.

W. Gilded Kingfisher " " ; also Clear Lake.

Harris Woodpecker seen at Bull Creek and heard at Weymouth Inn.

Mutual Woodpecker at Clear Lake Lodge.

California Woodpecker - at Rich, Mills, Middleton, Pope Valley etc.

North Western Flicker - Weymouth Inn. Red-bellied - Lake County.

Red-bellied Flycatcher - common at Clear Lake. One at the Lodge squatted on the wet lawn and scattered the moss for a bath.

Black Phoebe at Weymouth and in Lake Co. One under bridge in Pope Valley.

White-bellied Nighthawk at Weymouth.

Willow Ptarmigan in all sections visited where it was wooded.

W. Flycatcher at Weymouth; also Clear Lake.

W. Purple Martin heard at Weymouth - very early in morning.

Cliff Swallows at Weymouth. At Clear Lake Lodge had many nests under eaves of the Lodge where they are feeding young.

House Wren - seen once or twice along way near Ukiah.

House Wren - abundant at Weymouth.

House Wren - abundant at Clear Lake.

Costa Jay - occasionally seen along Redwood Highway and at Weymouth.

South Calif. Jay in Humboldt County. (Mcasis Jay)

Raven flew over as we were eating lunch on the bluff in Del Norte Co. - at  
very low croak.

Crows along Railroad Highway as far as we went and also in fields -  
Plain Titmouse - Near Lake Lodge.

Chickadees (about 100). Not apparently common.

Slender-billed Noddies at Weymouth and at Bear Lake Lodge where I saw them walking the pier and over the ramp house and picking up the quarts which were scattered on the pier by morning.

Campers - at Volcans, Thousand Skulls Creek and Canyon Parks.

Unsettled Rock in Unsettled with of same on top of rock.

Benjamin Green (San. Magnific.) said as I was looking at the  
Western  
Mucos Mollis were common at Wagon Mith. found in Canyon B. R. & S.

Robert Lee's Tomb at Arlington, Va. June 2nd in 1920.

Monterey Museum. Found it back piece on 2. side of skull, at back of head.

Varied brush - mainly the green young in Longfork. Many very pretty  
 blue and red flowers in the white bark and some for quite  
 a distance - some very close to the water - interesting to see some very

Section 8-10-1

John W. Alden, President of the Board of Directors

California - New Orleans.

10. Landing time - between - along highway, ...

1910 - end of the year, 1910

*Cassia* *Chrysothrix* *Sedum* *Thymus* *Zinnia*

[illegible]

Calypso's - 1968 - 1969 - 1970 - 1971 - 1972 - 1973 - 1974 - 1975 - 1976 - 1977 - 1978 - 1979 - 1980 - 1981 - 1982 - 1983 - 1984 - 1985 - 1986 - 1987 - 1988 - 1989 - 1990 - 1991 - 1992 - 1993 - 1994 - 1995 - 1996 - 1997 - 1998 - 1999 - 2000 - 2001 - 2002 - 2003 - 2004 - 2005 - 2006 - 2007 - 2008 - 2009 - 2010 - 2011 - 2012 - 2013 - 2014 - 2015 - 2016 - 2017 - 2018 - 2019 - 2020 - 2021 - 2022 - 2023 - 2024 - 2025 - 2026 - 2027 - 2028 - 2029 - 2030 - 2031 - 2032 - 2033 - 2034 - 2035 - 2036 - 2037 - 2038 - 2039 - 2040 - 2041 - 2042 - 2043 - 2044 - 2045 - 2046 - 2047 - 2048 - 2049 - 2050 - 2051 - 2052 - 2053 - 2054 - 2055 - 2056 - 2057 - 2058 - 2059 - 2060 - 2061 - 2062 - 2063 - 2064 - 2065 - 2066 - 2067 - 2068 - 2069 - 2070 - 2071 - 2072 - 2073 - 2074 - 2075 - 2076 - 2077 - 2078 - 2079 - 2080 - 2081 - 2082 - 2083 - 2084 - 2085 - 2086 - 2087 - 2088 - 2089 - 2090 - 2091 - 2092 - 2093 - 2094 - 2095 - 2096 - 2097 - 2098 - 2099 - 2100 - 2101 - 2102 - 2103 - 2104 - 2105 - 2106 - 2107 - 2108 - 2109 - 2110 - 2111 - 2112 - 2113 - 2114 - 2115 - 2116 - 2117 - 2118 - 2119 - 2120 - 2121 - 2122 - 2123 - 2124 - 2125 - 2126 - 2127 - 2128 - 2129 - 2130 - 2131 - 2132 - 2133 - 2134 - 2135 - 2136 - 2137 - 2138 - 2139 - 2140 - 2141 - 2142 - 2143 - 2144 - 2145 - 2146 - 2147 - 2148 - 2149 - 2150 - 2151 - 2152 - 2153 - 2154 - 2155 - 2156 - 2157 - 2158 - 2159 - 2160 - 2161 - 2162 - 2163 - 2164 - 2165 - 2166 - 2167 - 2168 - 2169 - 2170 - 2171 - 2172 - 2173 - 2174 - 2175 - 2176 - 2177 - 2178 - 2179 - 2180 - 2181 - 2182 - 2183 - 2184 - 2185 - 2186 - 2187 - 2188 - 2189 - 2190 - 2191 - 2192 - 2193 - 2194 - 2195 - 2196 - 2197 - 2198 - 2199 - 2200 - 2201 - 2202 - 2203 - 2204 - 2205 - 2206 - 2207 - 2208 - 2209 - 2210 - 2211 - 2212 - 2213 - 2214 - 2215 - 2216 - 2217 - 2218 - 2219 - 2220 - 2221 - 2222 - 2223 - 2224 - 2225 - 2226 - 2227 - 2228 - 2229 - 2230 - 2231 - 2232 - 2233 - 2234 - 2235 - 2236 - 2237 - 2238 - 2239 - 2240 - 2241 - 2242 - 2243 - 2244 - 2245 - 2246 - 2247 - 2248 - 2249 - 2250 - 2251 - 2252 - 2253 - 2254 - 2255 - 2256 - 2257 - 2258 - 2259 - 2260 - 2261 - 2262 - 2263 - 2264 - 2265 - 2266 - 2267 - 2268 - 2269 - 2270 - 2271 - 2272 - 2273 - 2274 - 2275 - 2276 - 2277 - 2278 - 2279 - 2280 - 2281 - 2282 - 2283 - 2284 - 2285 - 2286 - 2287 - 2288 - 2289 - 2290 - 2291 - 2292 - 2293 - 2294 - 2295 - 2296 - 2297 - 2298 - 2299 - 2300 - 2301 - 2302 - 2303 - 2304 - 2305 - 2306 - 2307 - 2308 - 2309 - 2310 - 2311 - 2312 - 2313 - 2314 - 2315 - 2316 - 2317 - 2318 - 2319 - 2320 - 2321 - 2322 - 2323 - 2324 - 2325 - 2326 - 2327 - 2328 - 2329 - 2330 - 2331 - 2332 - 2333 - 2334 - 2335 - 2336 - 2337 - 2338 - 2339 - 2340 - 2341 - 2342 - 2343 - 2344 - 2345 - 2346 - 2347 - 2348 - 2349 - 2350 - 2351 - 2352 - 2353 - 2354 - 2355 - 2356 - 2357 - 2358 - 2359 - 2360 - 2361 - 2362 - 2363 - 2364 - 2365 - 2366 - 2367 - 2368 - 2369 - 2370 - 2371 - 2372 - 2373 - 2374 - 2375 - 2376 - 2377 - 2378 - 2379 - 2380 - 2381 - 2382 - 2383 - 2384 - 2385 - 2386 - 2387 - 2388 - 2389 - 2390 - 2391 - 2392 - 2393 - 2394 - 2395 - 2396 - 2397 - 2398 - 2399 - 2400 - 2401 - 2402 - 2403 - 2404 - 2405 - 2406 - 2407 - 2408 - 2409 - 2410 - 2411 - 2412 - 2413 - 2414 - 2415 - 2416 - 2417 - 2418 - 2419 - 2420 - 2421 - 2422 - 2423 - 2424 - 2425 - 2426 - 2427 - 2428 - 2429 - 2430 - 2431 - 2432 - 2433 - 2434 - 2435 - 2436 - 2437 - 2438 - 2439 - 2440 - 2441 - 2442 - 2443 - 2444 - 2445 - 2446 - 2447 - 2448 - 2449 - 2450 - 2451 - 2452 - 2453 - 2454 - 2455 - 2456 - 2457 - 2458 - 2459 - 2460 - 2461 - 2462 - 2463 - 2464 - 2465 - 2466 - 2467 - 2468 - 2469 - 2470 - 2471 - 2472 - 2473 - 2474 - 2475 - 2476 - 2477 - 2478 - 2479 - 2480 - 2481 - 2482 - 2483 - 2484 - 2485 - 2486 - 2487 - 2488 - 2489 - 2490 - 2491 - 2492 - 2493 - 2494 - 2495 - 2496 - 2497 - 2498 - 2499 - 2500 - 2501 - 2502 - 2503 - 2504 - 2505 - 2506 - 2507 - 2508 - 2509 - 2510 - 2511 - 2512 - 2513 - 2514 - 2515 - 2516 - 2517 - 2518 - 2519 - 2520 - 2521 - 2522 - 2523 - 2524 - 2525 - 2526 - 2527 - 2528 - 2529 - 2530 - 2531 - 2532 - 2533 - 2534 - 2535 - 2536 - 2537 - 2538 - 2539 - 2540 - 2541 - 2542 - 2543 - 2544 - 2545 - 2546 - 2547 - 2548 - 2549 - 2550 - 2551 - 2552 - 2553 - 2554 - 2555 - 2556 - 2557 - 2558 - 2559 - 2560 - 2561 - 2562 - 2563 - 2564 - 2565 - 2566 - 2567 - 2568 - 2569 - 2570 - 2571 - 2572 - 2573 - 2574 - 2575 - 2576 - 2577 - 2578 - 2579 - 2580 - 2581 - 2582 - 2583 - 2584 - 2585 - 2586 - 2587 - 2588 - 2589 - 2590 - 2591 - 2592 - 2593 - 2594 - 2595 - 2596 - 2597 - 2598 - 2599 - 2600 - 2601 - 2602 - 2603 - 2604 - 2605 - 2606 - 2607 - 2608 - 2609 - 2610 - 2611 - 2612 - 2613 - 2614 - 2615 - 2616 - 2617 - 2618 - 2619 - 2620 - 2621 - 2622 - 2623 - 2624 - 2625 - 2626 - 2627 - 2628 - 2629 - 2630 - 2631 - 2632 - 2633 - 2634 - 2635 - 2636 - 2637 - 2638 - 2639 - 2640 - 2641 - 2642 - 2643 - 2644 - 2645 - 2646 - 2647 - 2648 - 26

Black River, N. Y. Aug. 10 - 1881

James J. ...

Hermit Gulch - the camp is directly above Bull Creek Tunnel. See 11.



- House Wren Thrush - common in the canyon.  
Song Sparrow - common in the canyon in early morning at the <sup>Clear Lake</sup> Lodge.  
Russet-backed Thrush - common along the Redwood Highway.  
Meadow Lark - everywhere in open fields.  
Chestnut-backed Chickadee - common in the canyon.  
Pied-billed Grebe - common everywhere but more here conspicuous.  
San Diego Redwing - common in the canyon north to the city of Lakeview and Forked River.  
Black-headed Grosbeak - common in open woods.  
Sage Thrush - " " " "  
California Purple Finch - common in the woods.  
Forest Wren - common except in the woods.  
Pine Grosbeak - common at all my mouth and up coast to  
the mouth of the canyon.  
Barn Swallow - common at my mouth or north. Up to at Clear Lake.  
Pied-billed Grebe - common along the highway. None at Clear Lake.  
San Francisco Spotted Owl - common all way up Redwood Highway.  
Cajon Wren - " " " " " "  
Brewer's Wren - common near Humboldt City.  
Western Lark Sparrow - a pair at Clear Lake Lodge, female carrying nesting  
material. (very common all the way up to and into Pope Valley,  
Sierra?) near Laytonville. Perhaps south.  
W. Chipping Sparrow - common throughout.  
Western Lark Sparrow (prothonotaria) first heard at Squibb's Bull Flat (on grassy hillside).  
Very common from here on as far as we went, frequent at northern limit.  
Mourning Dove - common at my mouth and north.



I made several records of the songs of the Black Sparrow (Corvus)  
All types had a quality which resembled much of the Chimney Warbler.  
At Scotia among the burned stumps and in a garden in that corner of town  
it sang: Three-e-e tip-tip-tip-tip, the first note rising and  
rising slightly in pitch, the second rising rising; the third rising rising  
The intervals were less than the first, giving a series of notes.

At Congress Park we sang — *Jesus, how I love thee*

At Weymouth in another variation was — 21.000

Further south I heard one singing — 2

June 20. Berkeley. Warm perfect day. Recorded song of Antelope  
Sparrow on campus. The usual song was: — — — — —  
It contained no rough barred notes. Sometimes the first  
note was omitted. The last phrase was rapid, almost a trill.  
Thrushes and Olive Warblers still singing.

June 25 Young *Leucis* - a pair set 4 hours.

June 30. Has. mms. 100. Cacti and 7 flowers in Mexican Canyon.  
Upper San Francisco range, Coahuila Valley to Durango. Mount  
Sierra and Pico de la Cruz. No other plants, not large.

Made stops all along the way and saw following birds -

H. Blue Heron - Palmetto marshes.

Platner - beyond Council.

Turkey Halibut - from Sullivan m.

Sharp-shinned hawk - in woods near stream. One seen.

W. Redstart Hawk in hills beyond forest and above

Parrow Hawk - seen many times in open country.

Golden Eagle ? (Sailing steadily high in air near Sumol Temple)

Calif Quail - in valley above Sumol; yg. on hillside above.

Mourning Doves - Calaveras Valley.

Allen Hummer - Graham's Riding Academy.

Northall Woodpecker - heard repeatedly in oaks from Dublin.

Calif Woodpecker - near Sumol and in Calaveras Valley.

Red-bellied Sapsucker - in Calaveras Valley.

> Lewis Woodpeckers - on telephone poles 100 miles above Sumol -  
seen in Pinedale - " "

White-throated Flycatcher - near Sumol.

Black Phoebe - under bridge on Calaveras Creek.

W. Wood Pewee - " "

Western Flycatcher - Redwood Canyon & " "

Cliff Swallows - nests crowded under arches in water tower at  
Calaveras Dam.

Yellow-billed Magpie - Calaveras Valley above Sumol.

Coast Jay - Redwood Canyon and Calaveras Valley.

Calif. Jay - " " " " "

Titmouse - " " " " "

Slender-billed Nuthatch in woods near stream in Calaveras Valley.

Green tits - on hillside in Redwood Canyon & Calaveras Valley.

> Rock Wren - a pair in rocks on Calaveras Dam - another pair  
on rocks above road a little below.

W. House Wren - Miss Graham's Riding Academy and Calaveras Creek.

Calif. Thrasher - " " " "

Forest-backed Thrush - Redwood Canyon, Sumol, Calaveras Valley.

Robin - Miss G.'s Riding Academy.

W. Bluebird - Calaveras Valley almost up to dam.



Berkeley, 1932  
Lake Tahoe & Echo Lake.

July 1. A thrasher was seen near the curb above our place trying to dig in the ground with its bill. Both legs were injured so it could not brace itself. Half an hour later I took bread and <sup>thru</sup> <sup>the</sup> hole of it near the spot where the thrasher had been. He came out from a thick tangle of black cherry vines and ate the bread.

July 2. Went to Boulder to stay over July 4. Warm.

July 3. Heard song of Black-throated Gray warbler beyond Gehennah.

Just after noon a Tanager sang several times and gave the <sup>call</sup> <sup>pie</sup> <sup>to</sup> <sup>the</sup> <sup>birds</sup>.  
July 4. Walked along Alta Via - quite sure I saw a robin. Hot.

July 5. Cooler. Returned to Berkeley.

July 6. Cooler.

July 10. Drove to Echo Lake, crossed to upper Echo where we visited Miss Gladding. 7500 ft. alt.

July 11. Walked to Tamarack & Rainbow Lakes. Quite hot. Beautiful junipers, Jeffrey Pines, <sup>Red fir</sup> <sup>on lower</sup> <sup>mountains</sup>; tamaracks, hemlocks and Mountain Pines higher (7800).

July 12. Drove to Lake Tahoe, Rubicon Beach, where we visited Mrs. Howard Fletcher. Jeffrey pines, <sup>Red fir</sup> <sup>at higher</sup> <sup>altitudes</sup>, tamaracks etc., much manzanita, white birch, deer brush. Noticed white fir in <sup>the</sup> <sup>mountain</sup> <sup>south</sup>. Birds at Echo Lake ~~and~~

July 13. Drove to Tahoe City about 11 a.m. and after lunch to call on Mrs. Humble whose place contains

31 acres. Birds at Lake Tahoe and above and at Lake Tahoe: Sparrows Hawk at Rubicon Beach.

At least, one each at Echo, one at <sup>Clark's</sup> <sup>Crow</sup> <sup>com.</sup> <sup>at</sup> <sup>Echo</sup> <sup>Park</sup>; <sup>Blue</sup> <sup>fronted</sup> <sup>jay</sup> <sup>all</sup> <sup>levels</sup>, one heard singing at Echo Lake.

Chickadee, <sup>Red</sup> <sup>breasted</sup> <sup>Wren</sup>, Wood Pewee; Wright's Flycatcher in manzanita at Rubicon; Flicker (general)

White-headed Woodpecker at Rubicon Beach (<sup>Violet-green</sup> <sup>Swallow</sup>) nesting in pines at Rubicon;

Blue Jay at Tahoe City, <sup>Red</sup> <sup>breasted</sup> <sup>Wren</sup> <sup>at</sup> <sup>Echo</sup> <sup>and</sup> <sup>at</sup> <sup>Rubicon</sup>; Sierra Creeper heard

at Mrs. Humble's. Tanager heard at Echo but very common at Tahoe, feeding young at Mrs. H's.

Western Robin (var.) - nest with 4 eggs at Echo; <sup>Red</sup> <sup>breasted</sup> <sup>Wren</sup> (general), nest in dead stub 10 ft. up at R.

Yellow Warbler in willows and aspens, more com. at Tahoe; Audubon W. (gen); Calaveras Warbler?

Yellow Warbler - at Tahoe Alt. Rubicon in pines; <sup>White</sup> <sup>throated</sup> <sup>Wren</sup> at Echo & Mrs. H's; Mt. Chickadee (gen);

Green-backed Goldfinch (Tahoe City); Pine Siskin (gen); Sierra Junco (gen); Song Sparrow at Rubicon; Fox Sparrow in manzanita and birch; Green-winged Teal both; Evening Grosbeak at The Hut near Homewood, eating gravel in road.

used side of hill in picking up gravel; Cassin's Sparrow about 100; V. longwing about  
 (general); Mt. White-crowned Sparrow - several in various places; several Song Sparrows at Lake City;  
 Black-headed Grosbeak at, near some house at Lake City;  
 Calif. Red-bellied Woodpecker, saw one flying; just under some pine in Lake City;  
 Ducks (sp.?) saw Lake near some house at Lake City; saw one in Lake near  
 her house; saw one near the house of Lewis; saw one near some house at Lake City;  
 Saw at close range of 100 yds. a pair of Mallards; saw a pair of Mallards; saw a pair of Mallards;  
 perched on wire fence; saw a pair of Mallards; saw a pair of Mallards;  
 Mrs. Fletcher showed me a pair of small willows along Lake shore, which are called  
 by Englishmen "Cotton".

July 16. Boulder Creek. A deer came up the R. R. track and  
 turned into the woods opposite our house.

July 20. Spent a few hours at Lake City. Had a fine view  
 of the city & Lake City.

1. White-headed Green - one - flying - only one seen in the region.
2. Franklin's Gull - one - flying - only one seen in the region.
3. Red-winged Blackbird - one - flying - only one seen in the region.
4. Blue Jay - one - flying - only one seen in the region.
5. American Hawk - 2.
6. Pheasant - 3 - 12-15
7. White-winged Scoter - 8-10
8. Brown Pelican - 75+
9. White Pelican - 3
10. Turkey Buzzard - 1
11. Marsh Hawk - 1 - brown.
12. Killdeer - 15-20
13. Semipalmated Plover - 2
14. Long-billed Curlew - 2
15. American Golden Plover - 1
16. Red-winged Blackbird - 1
17. Song Sparrow - 1
18. White-crowned Sparrow - 1
19. Black-headed Grosbeak - 1
20. Calif. Red-bellied Woodpecker - 1
21. Duck - 1
22. Duck - 1
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27. Duck - 1
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100. Duck - 1

William Swan Heron & other birds near Lake City

Aug. 7-12. Boulder Creek. Weather increasingly warm - up to 106° one day. Spent the afternoons at the shore to keep cool. Birds were numerous. A Black-headed Grosbeak was heard singing frequently a snatch of song on Aug 8 and 9 and calling on later dates. Kingfishers were frequently heard. Many junco, chickadees. Call of young Cassin Vireo heard several times. Black Phoebe near cottage. Usual Towhees, jays, Wood Pewees. No song sparrows heard except at beach and near Soquel. Along shore a few Heermann Gulls, Brown Pelicans, one Wandering Tattler. Phalaropes on the ocean but not on lagoons. Young Anna Hummers in garden. Saw no Allen's. No quail in garden. One Thrasher heard near cottage. One pair of Cliff Swallows still feeding young in nest on cliff above Santa Cruz.

Aug. 14. Lady Birds visited Botanical Garden to study hummingbirds. In tobacco field, <sup>in.</sup> Anna H. were more numerous. among petunias there were many <sup>a few adults of each -</sup> Allen's. No other species were seen. Other birds seen: Sh. Sh. Hawk, <sup>Burdets -</sup> Lutescent Warbler, <sup>Song Sp.</sup> many Brown Towhees, Nuttall Sparrows, Linnets, G. B. Goldfinch, 1 Mourning Dove. Heard Thrasher, Eiskim, Quailcatcher, Cal. & St. Jay. <sup>Flickers, jays, wrens</sup> Saw a Lazuli Bunting on wire on Mosswood Rd. Elder berries and weed seeds main food of sparrows. Clear, cool.

Aug. 16 A Bluebird flew over, flying high and calling.

Aug. 17. Heard call note of a Lazuli Bunting

Aug 21-25. Have heard the notes of W. Wrenbirds as they flew over.

in canyon. On Aug 25. about 6 or eight alighted on a wire above the house.

Aug. 28. Several Laz. Buntings in elderberry at Ward Adams.

Aug. 29. A Rust-backed Thrush called repeatedly outside my window at dawn.





1952

abundant. Only two Doves seen and two Lesser, Yellowlegs,  
much less than Willets, very active, more slender than  
Willetts and called frequently; gave a p'tit' call when feeding  
and a loud phew, when flying. Todiet's notes were all  
hoarse. Willetts notes were clear, loud and penetrating, also varied.  
and Coots seen.

A number of Brown Pelicans and some White Pelicans. In the

At 2 morning we watched them again, landing the same species.

[illegible]

ended L.G. at 4:50. Many Sparrow Hawks - Godwits & Curlew on shore.

Sept 9. Several weeding birds in garden at 4536 W. 18<sup>th</sup> St. Spent day  
sitting at Calver House - Berkeley. Cool. Saw Night-blooming Cereus 8:30 p.m.

Sept. 13. Still cooler. Church a.m. Service 10 o'clock p.m.

Sept. 11. 8:45 a.m. Leave home. Foggy. Lunched at Santa Barbara. Rio Enca-  
ladas very beautiful. Dinner at San Luis, night at Pico Robles.

Oct. 12. Left Pico Blanco at 12. <sup>Cool</sup> <sup>Roadrunner near San Juan.</sup> <sup>at San Juan opposite Mission</sup>  
 Arrived at 4:30 p. m. Yellow-billed Magpies in Santa Cruz mts.

Sept. 14. Long sp. wood thrush in full song. Heard Tanager; also a  
call, could not identify, harsh, loud. <sup>(after Hunt?)</sup> Not chattering or mocking kind.  
Bluebirds near house. Cool with low fog in <sup>early</sup> morning.

Sept. 14. Trace of rain last night. At end of Arlington Ave birds few. Meadowlarks. Flickers, about a pair of robins (5 in baccharis bushes), 1 weaver & Song sp., 1 Br. & Spotted Towhees, Redtail & sp. Hawk, Thrasher (singing), Blue-t. (singing), Crows (heard). Clear.

In the afternoon a Western Tanager flew against Mrs. Parron's window. It turned but came too after an hour.



Sept. 24. Heard Cawwag at Boulder Creek. Crossed Drumbarian Bridge -  
Thousands of phalaropes. Tide very high. Least Sandpipers  
numerous. 13 White Pelicans, Several Black crown Night Herons  
and Gt. Blue Herons - Not more than 6 gulls; but Caspian Terns(?)  
No ducks or grebes.

Sept. 27. In morning at Boulder Creek, in North Park Valley.

Sept. 28. Crossed back to Thresh Creek, near Boulder Creek.

Oct. 3. Golden crowned and Fox Sparrows singing at 7 a.m.

Heard one Pigeon Hawk up Canyon above Strawberry Camp. Saw  
Sage Grouse & several others.

Oct. 6. Saw Pileolated Warblers. Saw several up to Redbreasted Nuthatch. Wakes up  
Found only one Fox Sparrow, a few Golden-cr. & Int. Sparrows. Found 1st in  
Canyon and Sharp-sh. Hawk. All kept up continuing just good white birds.

Weather cloudy in morning. Fog.

Oct. 7. Foggy in early day. Drove into mountains at Stratona. The first of  
Int. Sparrows generally distributed. Heard no Golden-cr. One Fox Sp. at 11.

Oct. 8. Returned from mountains to Strawberry Camp. Mockingbird singing  
at Strawberry Camp, in hills.

Oct. 9. House Wren, Varied Thrushes, Townsend Warblers in Strawberry Canyon.

Oct. 10. Orinda. Huge flocks of Gambel's Sparrows. Some Golden-crowned. A  
looked like intercast. Watched California Woodpeckers singing among. 5th. Watched at

Oct. 13. San Mateo Bridge. Fog and sun. Found 2 Eared Rabbits, 1 Sing. wild birds,  
25 White Pelicans (at Dunn), 4 (in. & sp. at 2 Dunn), Pintails 11, 1000's of birds, 1000's of birds.

Oct. 14. (1005) 3 San Joaquin (R.), 3000+ Red-b. Thrush, 1000+ Gt. Blue, 2 W. Ph. L., 1000+ 30+ woodpeckers, 1000+ Gt. Blue,  
many Gt. Blue Herons 4-10 Black-cr. Gt. H. Wood (at Dunn) many Red-t. (at Dunn).

Oct. 15. Hermit Thrush and R-C Kinglet at Boulder Creek. 1000.

Oct. 16. Hot in valley. Oct. 17. Hot in valley. Oct. 18. Saw in the Valley some species as at 13  
plus Turn, Pigeon Hawk, a few Bon. birds. The pigeon hawk was carrying a small

flock of (10-12) small white birds which could not identify - possibly least terns flying  
close together. Saw no phalaropes or grebes or rails. No pelicans or gulls at Dunn. -  
Thousands of pelicans and willets collected near and on a hill from the bridge would like  
turned, then swooped over our heads as we sat near their feeding place. Oct.

Oct. 19. Sat. as said. Many hermit thrushes - the first time I have seen or heard them near the house. <sup>this fall</sup>  
 Also Lewis Thrushes, Robins, Ruby-crowned Kinglet, Fox Sparrow - Gambels at mouth of canyon.  
 Mrs. Stewart says the Bluebirds had been eating their catalpa berries last week.

Oct. 21 Cooler. A. L. Springs and Grinnell. Saw and heard over 30 species - D. rail,

Red-tail, Great Horned Owl, Sparrow Hawks, Colaptes, Nuttall, Downy Woodpecker and Flicker,  
 B. Thrasher, Wilson, Redpoll, H. C. Woodpecker, Br. Blackbird, Titmouse, Bush-tits, Slender-billed

Thrush, House Wren, Great Horned Owl, Great Horned Owl, Great Horned Owl, Great Horned Owl, Great Horned Owl,  
 Great Horned Owl, Great Horned Owl, Great Horned Owl, Great Horned Owl, Great Horned Owl,

Oct. 22. D. rail, Great Horned Owl, Great Horned Owl, Great Horned Owl, Great Horned Owl, Great Horned Owl,  
 Great Horned Owl, Great Horned Owl, Great Horned Owl, Great Horned Owl, Great Horned Owl,

Oct. 23. D. rail, Great Horned Owl, Great Horned Owl, Great Horned Owl, Great Horned Owl, Great Horned Owl,  
 Great Horned Owl, Great Horned Owl, Great Horned Owl, Great Horned Owl, Great Horned Owl,

Oct. 28. 30 Rain (3 in.) Oct. 30 Heard notes of Killdeer in evening.

Nov. 1 - 3 Clear. Brilliant. Nov. 3. Lake Merced. In bay a few Bon. Gulls. At Cliff  
 and east from Pelicans.

House 18 Black-bellied Plover at Lake Merced & Moorpark not so common as Oct. 26.

Nov. 4. To Boulder Creek via S. F. Sky me to N. of Moon Bay and along coast to Santa Cruz

and Monterey. Flock of 50 White Pelicans crossed just outside Golden Gate - Brown

Pelicans at N. of Moon Bay. A large flock of birds (pelicans) far out. One flock of

small birds (sp.?)

Nov. 7. Tuesday. Clear. Lake Merced. Beautiful day. 42 species seen.

5 species gulls, 3 sp. jacks, loon, 2 others; Horned Larks, Killdeer and Meadow  
 Larks at Cowry field, 50 each, Black-bellied Plover, Ruddy Turnstone & Surf. Bird at Seal Rocks.

2 birds seen on bay, 5 sp. ducks on the lake (Cano, Ruddy, Pintail, Bluebill, Mallard)

unknown duck on lake at Presidio - (Brown and cinnamon with <sup>white</sup> mark on cheek

and orange bill. (hybrid?)

Nov. 10. D. rail, Great Horned Owl, Great Horned Owl, Great Horned Owl, Great Horned Owl, Great Horned Owl,

Nov. 11. D. rail, Great Horned Owl, Great Horned Owl, Great Horned Owl, Great Horned Owl, Great Horned Owl,

Nov. 12. D. rail, Great Horned Owl, Great Horned Owl, Great Horned Owl, Great Horned Owl, Great Horned Owl,

Nov. 13. D. rail, Great Horned Owl, Great Horned Owl, Great Horned Owl, Great Horned Owl, Great Horned Owl,

Nov. 14. D. rail, Great Horned Owl, Great Horned Owl, Great Horned Owl, Great Horned Owl, Great Horned Owl,

Nov. 15. D. rail, Great Horned Owl, Great Horned Owl, Great Horned Owl, Great Horned Owl, Great Horned Owl,

{ Nov. 11 Went with Mrs. Ribbe and Mrs. Stout to the James in Paches. When  
{ Nov. 12 Drove through the refuge. As it was Sunday shooting was going on outside and  
many ducks and geese sought safety in the refuge, but they were very wild and  
rose en masse when our car came near the ponds. There were thousands of Lesser Snow  
Geese, not so many White-fronted. Canada and Pintails were few. 10 miles west  
Shoreland, in a large pond or in a section of the refuge, many hundreds of  
maged Pintails, a few Goldeneyes, and all. I saw also, a few  
Am. & Snowy egrets, 4 White Pelicans, 70-80 White Grebes, 3 Canada Geese, 100-150  
main water fowl; 10-15 Canada Geese, several Mallards, and a few other water fowl.  
Night Herons, W. & Red B. Sandpeeps (a few), and an occasional Ring-billed Gull or  
Gull. Many hawks; Sparrow-hawk, Baldpate, Osprey, Golden Eagle, and the King of the  
flock of 20-30 Canada (Hudsonian) Geese, and a few other water fowl. In a small body  
of water there were seen at a distance, a few Mallards, a few Goldeneyes and  
Western and Pintailed Grebes were seen. In a small pond or in a section of the refuge, many hundreds of  
Larks, Pipits, Thrushes, Yellowthroats, Flickers, Song Sp. Sparrows, and Purple Grackles.  
Sparrows, Bushy-tailed Grackles, a few Blackbirds, a few Red-wings, and a few other birds.

In Palace Pass we found Lark Sparrow, Lewis Woodpeckers, Wilson Woodpeckers, California Jay, Bush-tits, W. Mockingbird (seen at E. end), Golden-crowned Kinglet and Calif. Woodpeckers. Titmouse, Turkey Vulture and at Las Animas Eared Grebes. At E. end of the Pass we entered a fir. On high ridge from the ground with heavy beats I saw a few birds, then dropped to catch a squirrel which he caught a short distance. He settled on the ground where there would be no bird. The squirrel was a mile another bank of same sp. stood nearby. Across the road a Prairie Falcon flew rapidly with quivering wings, showing black & white. Another bird with iridescent underparts stood high in long legs (For ighing?)

In the marshes south of San Francisco we saw many sandpipers (L.W. & tied to),  
Sanderling, Killdeer, a Clapper Rail, 1 Bonaparte Gull, and large flocks of various  
Wing Prairie Falcon. At a Killdeer the bird was seen a number of times  
Dec. 22, 23, 24, 25, 26. Total number species  
Near Hollister a Golden Eagle dropped to the ground where he caught a mouse, then  
rose and flew away to the hills was Red-tailed Hawk. In some fields at the hills we saw  
on a more point. Other species on way to hills, 1 song sparrow, W. Gull,  
Black-crowned Night Heron, Robin, W. Bluebird. Total number sp. 80

Nov. 26 Heard a house wren in Laurelwood Blvd. Saw a W. G. Wren on 14th St.

Nov. 24. Went with Mrs. Hatcher to lunch at Mrs. Cook near Palo Alto, N. M.

[illegible]

Nov. 22. Lumpy Skins. Found some *Peromyscus* and *Thomomys* by the lake in the *Peromyscus*.

Nov. 26 Clear, cloudy. -  
A cold with wind.

Nov. 27, 28, 29. Cold north wind.

Nov. 30. Thanksgiving. Warner  
Dec. 1. Lunched at Calaveras Creek on way to Boulder. Snipe, Coots, Pied-bill Grebe,  
Killdeer, Night Herons Black Phoebe. Redwings & Woodpeckers, of 1st night.  
Sparrow.

Dec. 2. Train 8 p.m. except Santa Clara Valley to Walnut Creek. I - Golden Gate at Los Angeles.  
David Thrush. H. Tom. Mrs. J. J. Tom. Black. Thomas. I - Los Angeles.  
Mr. Thompson was absent.

1933

- Dec. 9. Saw a Ferruginous Rough-leg Hawk near Simol. All white underneath. back light ferruginous, wings also except white "window" on upper surface. It was circling over a hill, then crossed the road and alighted in a tree in an orchard near the Water Temple. A large flock of black birds mobbed him and he flew off with heavy flaps toward the S.E. A flock of crows flew over as we approached Mission Bridge. Two Canada geese were on the pond.
- Dec. 10. Rainy night. Dec. 11. Rain. Dec. 15. Still raining.
- Dec. 20. Left Berkeley at 11 a.m. for Los Angeles. Weather fine and Meadows larks singing all along the way. Spent night at Paso Robles. Frost in morning.
- Dec. 21. We found Santa Fe Springs, reached at Santa Barbara & warm as in Los Angeles in Santa Barbara. Reached Pasadena house at 5:30 p.m.
- Dec. 22. Cold. Paso Robles 40 m.p.h., strong, gusty wind from capped mts to east. Heavy fog, clearing about 10 a.m. & continued all day.
- Dec. 23. Paso Robles. Foggy for a few minutes in middle of day.
- Dec. 24. Rain. 11 a.m. to 4 p.m. & 6 p.m. to 8 p.m. in Paso Robles & Los Angeles.
- Dec. 25. Rain. 11 a.m. to 4 p.m. & 6 p.m. to 8 p.m. in Pasadena & Los Angeles.
- Dec. 26. Rain. 11 a.m. to 4 p.m. & 6 p.m. to 8 p.m. in Pasadena & Los Angeles.
- Dec. 27. Rain. 11 a.m. to 4 p.m. & 6 p.m. to 8 p.m. in Pasadena & Los Angeles.
- Dec. 28. Rain. 11 a.m. to 4 p.m. & 6 p.m. to 8 p.m. in Pasadena & Los Angeles.
- Dec. 29. Rain. 11 a.m. to 4 p.m. & 6 p.m. to 8 p.m. in Pasadena & Los Angeles.
- Dec. 30. Rain. 11 a.m. to 4 p.m. & 6 p.m. to 8 p.m. in Pasadena & Los Angeles.
- Dec. 31. Rain. 11 a.m. to 4 p.m. & 6 p.m. to 8 p.m. in Pasadena & Los Angeles.

Calif. Great Blue Heron - Grand

(mammals, sp.) near Redondo

White-winged Blackbird - Hollywood Park

Black-bellied Plover

Ducks (sp.) in Bays (living - no trip)

Sharp-shinned Hawk - bet. Simol & Mission San Jose

1st. 1st. Santa Clara Valley & San Joaquin Valley

Fer. Roughleg, near Santa Ynez, near  
Porterville, near Hanford  
(dead one on barbed wire)

Marsh Hawk - near Tranquillity

Prairie Falcon - "Lost Bays"

Sparrow Hawk - general ex. Ridge

Quail near Paso Robles

Coot near Grand & Los Banos and  
on San Joaquin River  
Killed deer near Simol, and many others  
Sanderling below Grand, 1 flock  
Gulls. Hermann, Ruiz & W. S. Allen  
Morning Doves near Porterville & Hanford

Roadrunner, one on lawn near B. K. Pitger's west door Dec. 26.; one near Hanford (N.W.)  
 Burrowing Owl - 2 flew across road as we neared Palos Verdes (6 p.m.)  
 Anna Hummer - Pomona  
 Calif. Woodpecker - Paso Robles, Visalia, Pacheco Pass  
 Red-shafted Flicker - Sunol, Porterville, Hanford N.W. (bare country, no trees),  
 Say Phoebe <sup>South</sup> ~~near~~ Santa Barbara,  
 Black Phoebe - Paso Robles,  
 Horned Lark - Fresno Co. - N.W. Hanford  
 Yellow-billed Magpie - N.W. Hanford (flying over) Pacheco Pass  
 Calif. Jay - near Mission San Jose  
 W. Crow - near Mission San Jose, Paso Robles,  
 Plain Titmouse " " " Pacheco Pass, Monrovia etc.  
 W. Mockingbird - Los Angeles, Pomona, San Joaquin Valley to Pacheco Pass  
 Hermit Thrush  
 W. Robin - many near Sunol, Paso Robles,  
 W. Bluebird, Sunol, Visalia,  
 W. Gnatcatcher - Pomona, San Fernando Mission  
 2. (Carpenter - San Joaquin Valley - Below Paso Robles.)  
 Calif. Shrike - general exp. Ridge Route -  
 Audubon Warbler - general in valleys - orchards -  
 Dusky Warbler - Palos Verdes  
 Red-winged Blackbird - Los Banos  
 Brewer Blackbird  
 Meadowlark - Singing everywhere in open country in valleys.  
 Eng. Sparrow - Gorman, San Joaquin Valley, Cities - diminishing!  
 Calif. Purple Finch - Pomona  
 Green-backed Goldfinch " " Carpinteria  
 Gambel Sparrow - Carpinteria, Sunol, San Joaquin, Pomona  
 H.C. Sparrow  
 Song Sparrow.  
 Linnets - flocks on wires - Santa Clara Valley, San Ramon, Paso Robles etc, etc etc.  
 Singing Carpenteria, Pomona.

No birds were seen along the Ridge Road except Eng. Sparrows at Gorman  
 and Crows near Lober. No stops exp. Gorman for lunch (cold)  
 Birds more ab. as we approached Bakewell. Many old nests in bare trees.

B&PNº 13535





